To,
The Director (A\&F),
Singh Public Regulatory Authority, KARACHI.

## SUBJECT: SUBMISSION OF THE CORRIGENDUM ALONG WITH RELEVANT DOCUMENTS FOR LOADING ON SPPRA WEBSITE HOISTED SERIAL NO. 36748.

In continuation of this office letter No. 987 dated: 09.02 .2018 , the NIT has already been sent to your good office vide this office NIT No. EE/EWD/TC/985 dated: 09.02.2018, \& SPPRA serial No. 36748 \& SPPRA ID No. 2147483647 , in the light of necessary required / relevant documents of this office corrigendum No. EE/EWD/TC/ 1018 dated: 21.02.2018, (along with Softcopy) are submitted herewith for favour of your kind information and loading for hoisted on above serial number of your official website.


D/As......Above


EXE\&UTW ENGINEER EDUC IO WORKS DIVISION





## ÓFFICE OF THE

EXECUTIVE ENGINEER, EDUCATION WORKS DIVISION, SUKKUR
(Near Railway Crossing, Golimar Road Sukkur Ph: 071-9310752, Email: wa28111988@gmail.com)
No. EE/EWD/TC/ 1018 Sukkur, Dated: 21/02/2018

## CORRIGENDUM

Impartial modification of this office NIT No. EE/EWD/TC/ 985 dated: 09.02.2018, has already published in various leading newspapers \& also hosted at SPPRA website. Now the packages of works already mentioned are hereby changed \& now may be read as below.

| Sr. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NO: | Name of Works | Taluka | Estimated <br> Cost in $(M)$ | Bid <br> Security <br> $5 \%$ | Tender <br> Fee | Time for <br> completion |

REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY / ELEMENTARY SCHOOLS OF DISTRICT SUKKUR
$1 \begin{array}{lllllll}1 & \text { PACKAGE I } 4 & \text { Sukkur } & 30.030 & 1501500 & 3000 & 04 \text { Months }\end{array}$
GBPS - NATIONALIZED ISLAMIA
GBPS ISLAMIA BAGH E HAYAT ALI
SHAH SUKKUR
GGPS BAGH E HAYAT ALI SHAH
GGELS - GHARIB ABAD SUKKUR
GGPS BARRAGE COLONY
GBPS - BARRAGE COLONY
$2 \begin{array}{llllllll}2 & \text { PACKAGE 2 } & \text { Sukkur } & 32.843 & 1642150 & 3000 & 04 \text { Months }\end{array}$
GBPS - NUSRAT COLONY NO-4
SUKKUR
GGLSS - SHAMSA ABAD SUKKUR
GBELS - ISLAMIA SUKKUR
GBPS OLD SUKKUR
GBPS MAIN SUKKUR
GBPS GULSHER CHOHAN
GBPS - RAILWAY COLONY IST
SHIFT (GIRLS)
$3 \begin{array}{lllllll}3 & \text { PACKAGE } 3 & \text { Sukkur } & 35.580 & 1779000 & 3000 & 04 \text { Months }\end{array}$
GGPS SHAH KHALID COLONY
GBPS A.D.C. COLONY
GBPS SHAH FAISAL COLONY
GGPS - NEW GOTH
GBPS - BIHAR COLONY
GBPS - PIR MUHAMMAD SHAH
GBPS AZIZ ABAD
$4 \frac{\text { PACKAGE } 4}{\text { GBPS }-G H U M R A}$
GBPS WARA YO GOTH
GBPS BAGERJI
GGPS - LAIQUE MAKA
$5 \begin{array}{lllllll}5 \text { PACKAGE } 5 & \text { Sukkur } & 30.824 & 1541200 & 3000 & 04 & \text { Months }\end{array}$
GGELS - NASEER ABAD
GBPS - DINPUR

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        GBPS JAFFAR ABAD
        GBPS PIR MURAD SHAH COLONY
        GBPS - SHAHEED GHULAM HAIDER
        GBPS ISLAM COLONY NEW PIND
        GBPS KHUDA BUX JATOI
        GBPS - ABDUL SATTAR MAKO
        GBPS HAYAT KHAN PATHAN AT
        HAMDARD SOCIETY
6 ~ P A C K A G E ~ 6 ~ R o h r i ~
        GBPS RAJIB ALI DAYO
        GBPS GOAL ALI WAHAN ROHRI
        GGPS - DAYA GOTH
        GBPS ALI WAHAN
        GBPS DARGAHI WARYAH
        GBPS TAGIAL NARIWAL
        GBPS ROSHAN ABAD
        GBPS WAH BURIRA
        GBPS GHARO GOTH
        GBPS KANDHRA
7 PACKAGE 7
        GBPS NEW YARD
        GGPS NEW YARD
        GBPS GHULAM GOTH
        GBPS - SACHAL PUR KANDHRA
        GBPS ROHRI MAIN PRIMARY
        SCHOOL
        GBPS PATHAN COLONY
        GBPS - ALLAHYAR CHACHAR
        GBPS - KALRI
PACKAGE 8
        GBPS - TRIMOONH
        GBPS JHANGAL TUNIO
        GBPS KANDRI
        GGPS ALLAH WASAYO GHUNIO
        ABELOI
        GBPS - ANBAH
        GBPS - BAKHSH CHANJAN
        GBPS - PIYARO KHAN LABANO
        ROHRI
        GGPS - QAZI MUHALLA
        GBPS - HAKERA
        GGLSS - KOT MIR YAQOOB SHAH
        GBELS - SYED AMJAD HUSSAIN
        SHAH MUSAVI
9 PACKAGE 9
        GBPS SUK PUL
        GBELS - MARI UP GRADE
        ELEMENTARY
        GBELS - MIDDLE SCHOOL ABEJANO
        GGELS - ISLAMIA ROHRI
        GBPS - ENGLISH M.K
        GBPS GURGAGE MOHLA ROHRI
        GBPS BAKSH KATPAR
        GBPS MAHDI ABAD
        GBPS MENDI JO PIR
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Saleh Pat }19.920 996000 3000 04 Month
GBPS SALEHPAT (PORTION-II)
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        GBPS KOT SIRAIKO
        GBPS Thummy
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11 PACKAGE 11
GBPS OLD BUDH
GBPS NEW BUDH
GGELS - KORO KHAN KORAI
GBPS BHELLAR
GBELS - BUKHSHO SEELRO
GBPS - DADLOI
GBELS - PHULLANI (Portion-II)
12 PACKAGE 12
GBPS - BHILINI
GBPS - PIR MUHAMMAD LUNJAR
GBLSS - QAIM MOCHI
GBPS HASUL
GGLSS - MULLA ALI MAHESAR
GBPS UMER ABAD
GBELS - MOTOO MIRBAHAR
GBPS - ALLAH DEWAYO MALANO
13 PACKAGE 13
GBPS DAPHAR JATOI
GGPS - DAFAR JATOI
GBELS - FAIZ MUHAMMAD JATOI
GBPS - WARA YAM JATOI
GGPS - THARCHANI
GGPS - NIRCHH
GBPS - JALAL INDHER
GBPS - QADO INDHAR
14 PACKAGE 14
GBPS CHUNGA
GBPS RADHI
GBPS FARKPUR
GBPS - SHAFI ABAD
GBPS SOOMRA COLONY
GGELS - FAROOQ-E-AZAM COLONY
PANO AKIL
GBPS LUQMAN MAHESAR
GBPS QALANDER SHAH
15 PACKAGE 15
GBPS JUMO KALHORO
GBPS - STATION MOHALLA
GBPS - SALAHI CHACHER
GBPS - URDU MAIN PANO AKIL
GBPS - SAHIB KHAN KORAI
GBPS BAIJI SHAREEF
REHABILITATION \& EXPANSION
OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING SECONDARY / HIGH SECONDARY SCHOOLS OF DISTRICT SUKKUR
16 PACKAGE 16
GGHS - AZIZ ABAD SUKKUR GGHS - BACHAL SHAH MIANI SUKKUR
17 PACKAGE 17
GBHS - ISLAMIA ROHRI (N)
GGHS - ALI WAHAN
$\begin{array}{lllll}\text { Pano Akil } & 31.359 & 1567950 \quad 3000 \quad 04 \text { Months }\end{array}$

| Pano Akil | 38.414 | 1920700 | 3000 | 04 Months |
| :--- | :--- | :--- | :--- | :--- |

Pano Akil $36.107 \quad 1805350 \quad 3000 \quad 04$ Months
$\begin{array}{lllll}\text { Pano Akil } & 35.071 & 1753550 \quad 3000 \quad 04 \text { Months }\end{array}$ $\begin{array}{lllll}\text { Pano Akil } & 37.561 & 1878050 & 3000 & 04 \text { Months }\end{array}$

| Sukkur | 10.433 | $521650 \quad 3000 \quad 04$ Months |
| :--- | :--- | :--- | :--- |


| Rohri | 32.374 | $1618700 \quad 3000 \quad 04$ Months |
| :--- | :--- | :--- | :--- |


|  | GBHS - PATNI |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | GGHS - KANDHRA |  |  |  |  |  |
|  | GBHS - DARA WAHAN |  |  |  |  |  |
|  | GBHS - FAKIR ABAD ROHRI |  |  |  |  |  |
| 18 | PACKAGE 18 | Pano Akil | 35.187 | 1759350 | 3000 | 04 Months |
|  | GBHS - NAURAJA |  |  |  |  |  |
|  | GBHS - SANGI |  |  |  |  |  |
|  | GBHS - JUNAS |  |  |  |  |  |
| 19 | PACKAGE 19 | Pano Akil | 20.885 | 1044250 | 3000 | 04 Months |
|  | GBHS - MUBARAK PUR |  |  |  |  |  |
|  | GBHS - HINGORO |  |  |  |  |  |
| 20 | PACKAGE 20 |  |  |  |  |  |
|  | REPAIR / RENOVATION OF | Sukkur | 4.250 | 212500 | 3000 | 04 Months |
|  | SCHOOL BUILDING AT GBPS |  |  |  |  |  |
|  | NIHAL KHAN KHOSO \& GGPS |  |  |  |  |  |
|  | NIHAL KHAN KHOSO TALUKA |  |  |  |  |  |
|  | NEW SUKKUR (CDP 2017-18 |  |  |  |  |  |
|  | PROGRAMME). |  |  |  |  |  |
| 21 | ESTABLISHMENT OF | Pano Akil | 25.000 | 1250000 | 3000 | 16 Months |
|  | GOVERNMENT DEGREE |  |  |  |  |  |
|  | COLLEGES IN SINDH 2007-08 |  |  |  |  |  |
|  | PROGRAMME@ GOVERNMENT |  |  |  |  |  |
|  | GIRLS DEGREE COLLEGE PANO |  |  |  |  |  |
|  | AKIL (MAIN BUILDINGS |  |  |  |  |  |
|  | REMAING WORK) |  |  |  |  |  |
| 22 | ESTABLISHMENT OF | Pano Akil | 3.000 | 150000 | 3000 | 16 Months |
|  |  |  |  |  |  |  |
|  | COLLEGES IN SINDH 2007-08 |  |  |  |  |  |
|  | PROGRAMME @ GOVERNMENT |  |  |  |  |  |
|  | GIRLS DEGREE COLLEGE PANO |  |  |  |  |  |
|  | AKIL (COMPOUND WALL |  |  |  |  |  |
|  | REMAING WORK) |  |  |  |  |  |
| 23 | UP-GRADATION OF MIDDLE | Sukkur | 1.000 | 50000 | 1000 | 16 Months |
|  | SCHOOL TO HIGH SCHOOL AND |  |  |  |  |  |
|  | HIGH SCHOOL TO HIGHER |  |  |  |  |  |
|  | SECONDARY IN SINDH 2007-08 |  |  |  |  |  |
|  | PROGRAMME AT GBHS DOUBLE |  |  |  |  |  |
|  | SECTION TALUKA SUKKUR. |  |  |  |  |  |
|  | (ADP NO. 300) 2017-18 (ELECTRIC |  |  |  |  |  |
|  | WORK) |  |  |  |  |  |

2. Bidding/Tender Documents:
i. Issuance: Documents will be issued from date of $1^{\text {st }}$ publication in the newspapers \& from date of hoisting on SPPRA Website up to 12.03.2018
ii. Submission: Last date will be 13.03.2018 up to 01:00 pm
iii. Opening: will be on 13.03.2018 at 02:00 pm.
iv. Un-responded tenders will be again issued / submitted/opened on following dates.
$\mathbf{2}^{\text {nd }}$ Attempt: $\quad$ Issue date from: $\mathbf{1 4 . 0 3 . 2 0 1 8}$ to $\mathbf{2 8 . 0 3 . 2 0 1 8}$ Submission date: $\mathbf{2 9 . 0 3 . 2 0 1 8}$ at 01:00 p.m Opening date: $\quad 29.03 .2018$ at 02:00 p.m

Other terms \& conditions will remains un-changed.


- The Deputy Commissioner, SUKKUR for favour of his kind information.
- The Chief Engineer, Education Works, Sukkur.
- The Superintending Engineer, Education Works Circle, SUKKUR for favour of information and approval please.
- The Director (Information), Advertisement Government of Sindh, Karachi along-with 03 extra copies for publication in the leading newspapers.
- The Director (C.B) SPPRA, Planning and Development Department, GoS Karachi for posting corrigendum on website.
- The Secretary (Focal Person), Information Technology Department, Govt. of Sindh, New Sindh Secretariat, $1^{\text {st }}$ Floor, Karachi for floating tenders on website.
- The Executive Engineer, Roads Division / Buildings Division, Sukkur.
- The Assistant Engineer, Education Works Sub-Division, Sukkur / Rohri / Saleh Pat / Pano Akil, for vide publicity.
- The Member of Procurement Committee for information.
- Copy to Divisional Accounts Officer/Draftsman/Establishment Branch/Notice Board (local).


## NOTIFICATION

 TRule: 2010 a Degartuente ${ }^{\circ}$ Complaint Redressal Cornmittee comprising of folloving O:fiecis is Winstifuted as under to resolve complaint's of aggrieved bidders:-

1. Suparintendent Enginee: (Education Worl:s) n... mesmed Education Worlas Circle I:dacation \& Litericy Deparment

Representative of District Account Officer i Munber Acsountant General, Sindh

Repres-ntutive of Head of procuring Agency Member (Peotissional from relevant field concerning)

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TuRs

- To perform according to Rule - 31 of SPPRA, 2010; terfirm any other function ancillary and incidental to the abeve.


## secretary educatión <br> TO GOVT. OF SINDII <br> Karachi, date the $28^{\text {th }}$ May, 2015

$\lambda \cdots$ is ton warded for informstion \& necessary action to:3: All Member: of the Conunitee. AThe P.S w S:eretary. Education S. Literacy Department.
Ontrise Order lile
sh: Sifi:CY UEPART:IEN:


## NOTIFICATION

NO.SO(G) EDU/E\&A/PRO-EW/14-15: In pursuance of Rule - 7 of the Sindh Public Procurement Rules, 2010. a Departmental Procurement Committee comprising of following Officers for procurement of works for various Educational Institutes / Offices / Line Departments working under Administrative Control of Education \& Literacy Department to be procured under ADP / Regular Budget / SNE of Education Department is constituted as under:

1 Executive Engineer (Education Works)
Chairman
Concerned Education Works Division
Education \& Literacy Department
2 Assistant Engineer
Member
Local Government Public Health Engineering Department
3. Assistant Engineer (Education Works) of Headquarter

Member
Concerned Education Works sub Division
Education \& Literacy Department

## ToRs

- Preparing bidding documents;
- Carrying out technical as well as financial evaluation of the bids;
- Preparing evaluation report as provided in Rule 45 of SPPRA 2010;
- Making recommendations for the award of contract to the competent authority; and
- Perform any other function ancillary and incidental to the above.


## - DR. FAZLULLAH PECHUHO SECRETARY TO GOVT. OF SINDH

NO.SO(G) EDU/E\&A/PRO-EW/14-15:
Karachi, date the $28^{\text {th }}$ May, 2015

- A copy is forwarded for information \& necessary action to:-

1. All Members of the Committee:
2. The P.S. to Senior Minister, Education \& Literacy Department, Govt. of Sindh, Karachi.
3. The P.S to Secretary. Education \& Literacy Department.
4. The P.S to Secretary, Local Government Public Health Engineering Departmient.
5. Office Order File

STNDH EDUCATION 2
LITERACY DEPARTM位NT

IN RESPECT OF EDUCATION WORKS DIVISION SUKKUR

| S.No | $\begin{aligned} & \hline \text { ADP } \\ & \text { No. } \end{aligned}$ | Name of Scheme | $\begin{gathered} \hline \text { Estimated } \\ \text { Cost } \end{gathered}$ | Source of Funds ADP / Non ADP | Proposedprocurementmethod | Cost of New works | Funds for New works | Nature of procurement | Timing of procurement |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | 1st Qtr | 2nd Qtr | 3rd Qtr | 4th Qtr |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |

rehabilitation \& EXPansion of high PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY / ELEMENTARY SCHOOLS OF DISTRICT SUKKUR
$1 \frac{\text { PACKAGE I }}{\text { GBPS - NATIONALIZED ISLAMIA }}$
GBPS ISLAMIA BAGH E HAYAT ALI SHAH SUKKUR
GGPS BAGH E HAYAT ALI SHAH
GGELS - GHARIB ABAD SUKKUR
GGPS BARRAGE COLONY
GBPS - BARRAGE COLONY
2 PACKAGE 2 2
GBPS - NUSRAT COLONY NO-4 SUKKUR
GGLSS - SHAMSA ABAD SUKKUR
GBELS - ISLAMIA SUKKUR
GBPS OLD SUKKUR
GBPS MAIN SUKKUR
GBPS GULSHER CHOHAN
GBPS - RAILWAY COLONY IST SHIFT (GIRLS)
$3 \frac{\text { PACKAGE } 3}{\text { GGPS SHAH KHALID COLONY }}$
GGPS SHAH KHALID COL
GBPS A.D.C. COLONY
GBPS SHAH FAISAL COLONY
GGPS - NEW GOTH
GBPS - BIHAR COLONY
GBPS - PIR MUHAMMAD SHAH
GBPS AZIZ ABAD
4 PACKAGE 4
GBPS-GHUMRA
GBPS WARAYO GOTH GBPS BAGERJI
GGPS - LAIQUE MAKA
$5 \frac{\text { PACKAGE } 5}{\text { GGELS - NASEER ABAD }}$
GBPS-DINPUR
GBPS JAFFAR ABAD

| S.No | $\begin{gathered} \hline \text { ADP } \\ \text { No. } \end{gathered}$ | Name of Scheme | $\begin{aligned} & \text { Estimated } \\ & \text { Cost } \end{aligned}$ | Source of Funds ADP / Non ADP | Proposed procurement method | Cost of New works | Funds for New works | Nature of procurement | Timing of procurement |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | 1st Qtr | 2nd Qtr | 3rd Qtr | 4th Qtr |
| . 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |

GBPS PIR MURAD SHAH COLONY
GBPS - SHAHEED GHULAM HAIDER
GBPS ISLAM COLONY NEW PIND
GBPS KHUDA BUX JATOI
GBPS - ABDUL SATTAR MAKO
GBPS HAYAT KHAN PATHAN AT HAMDARD
SOCIETY
6 PACKAGE 6
GBPS RAJIB ALI DAYO
GBPS GOAL ALI WAHAN ROHRI
GGPS - DAYA GOTH
GBPS ALI WAHAN
GBPS DARGAHI WARYAH
GBPS TAGIAL NARIWAL
GBPS ROSHAN ABAD
GBPS WAH BURIRA
GBPS GHARO GOTH
GBPS KANDHRA

7 PACKAGE 7
GBPS NEW YARD
GGPS NEW YARD
GBPS GHULAM GOTH
GBPS - SACHAL PUR KANDHRA
GBPS ROHRI MAIN PRIMARY SCHOOL
GBPS PATHAN COLONY
GBPS - ALLAHYAR CHACHAR
GBPS - KALRI
8 PACKAGE 8
GBPS - TRIMOONH
GBPS JHANGAL TUNIO
GBPS KANDRI
GGPS ALLAH WASAYO GHUNIO ABELOI
GBPS - ANBAH
GBPS - BAKHSH CHANJAN
GBPS - PIYARO KHAN LABANO ROHRI
GGPS - QAZI MUHALLA
GBPS - HAKERA
GGLSS - KOT MIR YAQOOB SHAH
GBELS - SYED AMJAD HUSSAIN SHAH MUSAVI
9 PACKAGE 9
GBPS SUK PUL
GBELS - MARI UP GRADE ELEMENTARY
GBELS - MIDDLE SCHOOL ABEJANO

| S.No | $\begin{aligned} & \hline \text { ADP } \\ & \text { No. } \end{aligned}$ | Name of Scheme | $\begin{aligned} & \text { Estimated } \\ & \text { Cost } \end{aligned}$ | Source of Funds ADP / Non ADP | Proposed <br> procurement <br> method | Cost of New works | Funds for New works | Nature of procurement | Timing of procurement |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | 1st Qtr | 2nd Qtr | 3rd Qtr | 4th Qtr |
| - 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |

GGELS - ISLAMIA ROHRI
GBPS - ENGLISH M.K
GBPS GURGAGE MOHLA ROHRI
GBPS BAKSH KATPAR
GBPS MAHDI ABAD
GBPS MENDI JO PIR
10 PACKAGE 10
19.920 Provincial ADP

NCB
19.920
19.920
$4.980 \quad 4$
4.980
4.980

GBPS SALEHPAT (PORTION-II)
GBPS KOT SIRAIKO
GBPS Thummy
11 PACKAGE 11
GBPS OLD BUDH
GBPS NEW BUDH
GGELS - KORO KHAN KORAI
GBPS BHELLAR
GBELS - BUKHSHO SEELRO
GBPS - DADLOI
GBELS - PHULLANI (Portion-II)
12 PACKAGE 12
GBPS - BHILINI
GBPS - PIR MUHAMMAD LUNJAR
GBLSS - QAIM MOCHI
GBPS HASUL
GGLSS - MULLA ALI MAHESAR
GBPS UMER ABAD
GBELS - MOTOO MIRBAHAR
GBPS - ALLAH DEWAYO MALANO
13 PACKAGE 13
GBPS DAPHAR JATOI
GGPS - DAFAR JATOI
GBELS - FAIZ MUHAMMAD JATOI
GBPS - WARAYAM JATOI
GGPS - THARCHANI
GGPS - NIRCHH
GBPS - JALAL INDHER
GBPS - QADO INDHAR

14 PACKAGE 14
GBPS CHUNGA
GBPS RADHI
GBPS FARKPUR
GBPS - SHAFI ABAD
GBPS SOOMRA COLONY

| S.No | $\begin{aligned} & \hline \text { ADP } \\ & \text { No. } \end{aligned}$ | Name of Scheme | $\begin{array}{c\|} \hline \text { Estimated } \\ \text { Cost } \end{array}$ | Source of Funds <br> ADP / Non ADP | Proposed procurement method | Cost of New works | Funds for New works | Nature of procurement | Timing of procurement |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | 1st Qtr | 2nd Qtr | 3rd Qtr | 4th Qtr |
| . 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |

GGELS - FAROOQ-E-AZAM COLONY PANO AKIL
GBPS LUQMAN MAHESAR
GBPS QALANDER SHAH
15 PACKAGE 15
37.561 Provincial ADP

NCB
37.561
37.561

GBPSJUMO KALHORO
GBPS - STATION MOHALLA
GBPS - SALAHI CHACHER
GBPS - URDU MAIN PANO AKIL
GBPS - SAHIB KHAN KORAI
GBPS BAIJI SHAREEF
REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING SECONDARY / HIGH SECONDARY SCHOOLS OF DISTRICT SUKKUR
16 PACKAGE 16
GGHS - AZIZ ABAD SUKKUR
GGHS - BACHAL SHAH MIANI SUKKUR
17 PACKAGE 17
GBHS - ISLAMIA ROHRI (N)
GGHS - ALI WAHAN
GBHS - PATNI
GGHS - KANDHRA
GBHS - DARA WAHAN
GBHS - FAKIR ABAD ROHRI
18 PACKAGE 18
GBHS - NAURAJA
GBHS - SANGI
GBHS - JUNAS
19 PACKAGE 19
GBHS - MUBARAK
GBHS - HINGORO
PACKAGE 20

20 REPAIR / RENOVATION OF SCHOOL BUILDING AT GBPS NIHAL KHAN KHOSO \& GGPS NIHAL KHAN KHOSO TALUKA NEW SUKKUR (CDP 2017-18 PROGRAMME).

21 ESTABLISHMENT OF GOVERNMENT DEGREE
REPAIR / RENOVATION OF SCHOOL 1.063-1.063 1.063-1.063 BUILDING AT GBPS NIHAL KHAN KHOSO \& GGPS NIHAL KHAN KHOSO TALUKA NEW SUKKUR (CDP 2017-18 PROGRAMME).

COLLEGES IN SINDH 2007-08 PROGRAMME @ GOVERNMENT GIRLS DEGREE COLLEGE PANO AKIL (MAIN BUILDINGS REMAING WORK)
$\begin{array}{llllllll}\text { ESTABLISHMENT OF } & \text { GOVERNMENT } & 6.250 & 6.250 & 6.250 & 6.250\end{array}$ DEGREE COLLEGES IN SINDH 2007-08 PROGRAMME @ GOVERNMENT GIRLS DEGREE COLLEGE PANO AKIL (MAIN BUILDINGS REMAING WORK)

| 10.433 | Provincial ADP | NCB | 10.433 | 10.433 | 2.608 | 2.608 | 2.608 | 2.608 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

$\begin{array}{lllll}32.374 & \text { Provincial ADP } & \text { NCB } & 32.374 & 32.374\end{array}$

| S.No | ADP <br> No. | Name of Scheme | Estimated Cost | Source of Funds ADP / Non ADP | Proposed procurement method | Cost of New works | Funds for New works | Nature of procurement | Timing of procurement |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | 1st Qtr | 2nd Qtr | 3rd Qtr | 4th Qtr |
| -1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|  | 22 | ESTABLISHMENT OF GOVERNMENT DEGREE COLLEGES IN SINDH 2007-08 PROGRAMME @ GOVERNMENT GIRLS DEGREE COLLEGE PANO AKIL (COMPOUND WALL REMAING WORK) | 3.000 | Provincial ADP | NCB | 3.000 | 3.000 | ESTABLISHMENT OF GOVERNMENT DEGREE COLLEGES IN SINDH 2007-08 PROGRAMME @ GOVERNMENT GIRLS DEGREE COLLEGE PANO AKIL (COMPOUND WALL REMAING WORK) | 0.750 | 0.750 | 0.750 | 0.750 |
|  | 23 | UP-GRADATION OF MIDDLE SCHOOL TO HIGH SCHOOL AND HIGH SCHOOL TO HIGHER SECONDARY IN SINDH 2007-08 PROGRAMME AT GHS DOUBLE SECTION TALUKA SUKKUR. (ADP NO. 300) 2017-18 (ELECTRIC WORK) | 1.000 | Provincial ADP | NCB | 1.000 | 1.000 | UP-GRADATION OF MIDDLE SCHOOL TO HIGH SCHOOL AND HIGH SCHOOL TO HIGHER SECONDARY IN SINDH 2007. 08 PROGRAMME AT GHS DOUBLE SECTION TALUKA SUKKUR. (ADP NO. 300) 2017-18 (ELECTRIC WORK) | 0.250 | 0.250 | 0.250 | 0.250 |




## NOTICE INVITING TENDERS






## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018 Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences
(L) Liquidity Demages
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(0) Tender Issued to (Mr. / M/S)


## BILL OF QUANTITIES


#### Abstract

NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GBPS NATIONALIZE ISLAMIA, GBPS ISLAMIA BAGH HAYAT ALI SHAH, GGPS BAGH HAYAT ALI SHAH, GGELS GHARIB ABAD, GGPS BARRAGE COLONY, GBPS BARRAGE COLONY TALUKA SUKKUR CITY. (PACKAGE NO. 1)


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULEITEMS |  |  |  |  |  |
| 1 | 4314 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \%Cft | 234897 |
| 2 | 5112 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 65721 |
| 3 | 6922 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 26174 |
| 4 | 1990 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \%Cft | 26005 |
| 5 | 14332 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \%Cft | 17342 |
| 6 | 0 | Removing doors with chowkats (C.S.I No:33 (a) P-12). Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 0 |
| 7 | 0 |  | 102.85 | Each | 0 |
| 8 | 4858 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 15430 |
| 9 | 1066 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 100378 |
| 10 | 2476 | Cement concrete brick or stone ballast 11/2" to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 215287 |
| 11 | 5464 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P. 21 ). | 11948.36 | \%Cft | 652858 |
| 12 | 2942 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ quage.(C.S.I No:6 A (1) P.17). | 337.00 | P.Cft | 991454 |
| 13 | 0 | First Floor | 349.10 | P.Cft | 0 |
| 14 | 149 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 747064 |
| 15 | 2182 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 24902 |
| 16 | 2830 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 4280 |
| 17 | 40748 |  | 3630.00 | \%0Cft | 147915 |
| 18 | 40748 | Extra Lead for one Mile | 579.41 | \%Cft | 236098 |
| 19 | 11658 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | $12674.36$ | \%Cft | 1477577 |
| 20 | 0 | First Floor | 13112.86 | \%Cft | 0 |
| 21 | 2844 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: <br> 52). | 12346.65 | \%Cft | 351139 |
| 22 | 10156 |  | 660.00 | \%Sft | 67030 |
| 23 | 0 |  | 3015.76 | \%Sft | 0 |
| 24 | 59440 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 1311603 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 59440 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 1306206 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 10844 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 139610 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 1352 | Providing and fixing G.I frames /Chowkates 7 " 2 " or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for door using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also $\mathrm{i} / \mathrm{c}$ all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 309473 |
| 28 | 724 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio 1:6 and reparing the janbs. Cost also $\mathrm{i} / \mathrm{c}$ all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 174122 |
| 29 | 592 | Suppling and fixing in position iron steel grill of $3 / 4^{\prime \prime} \times 1 / 4^{\prime \prime}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 106856 |
| 30 | 2014 | First class deodar wood wrought joinery in doors and windos etcfied inosition $\mathrm{I} / \mathrm{c}$ in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4^{\text {n }}$ only shutter (C.S.I No:7 (b) P.58). | 902.93 | P.Sft | 1818501 |
| 31 | 5088 | Providing and lying $2^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Sft | 166657 |
| 32 | 3432 | Two coats of bitumen laid hot using $34^{\prime \prime} \mathrm{Lbs}$ for 100 sft over roof and blinded with sand at 1 Sft per 100 sft (C.S.I No:13 P.35). | 1887.40 | \%Sft | 64776 |
| 33 | 230 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 886832 |
| 34 | 223 | S/F T.Iron at Site of Work | 3575.00 | P.Cwt | 796853 |
| 35 | 454 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | $186.04$ | P.Cwt | 84511 |
| 36 | 7376 | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{n}$ thick cement plaster $1: 6$ with34 Lbs. Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 11 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including $1: 2$ cement pointing underside of tiles complete including curing etc. (C.S.I No:1 P.33). | 11443.11 | \%Sft | 844044 |
| 37 | 7502 | 2nd class tiles roofing consisting of $4^{\prime \prime}$ earth and 1 " mud plaster with leaping over $1 / 2^{\prime \prime}$ thick cement plaster 1:6 with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12 " $\times 6$ " $\times 2$ "tiles laid in 1" 6 cement mortor including 1:2 cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | 7607.25 | \%Sft | 570696 |
| 38 | 0 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 0 |
| 39 | 1986 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. <br> (C.S.I No. 5 (f) Page No:16) | 14429.25 | \%Cft | 286565 |
| 40 | 3506 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile, (C.S.I No:60 P-47). | 30509.77 | \%Sft | 1069673 |
| 41 | 0 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} I / c$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also I/c locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 0 |
| 42 | 0 | Providing and laying cement ornamental cement jalli $2^{\prime \prime}$ thick 1:2:4 without steel (C.S.I No:11 P.18). | 226.02 | P.Sft | 0 |
| 43 | 848 | Notice board made with cement (C.S.I No:1 P.95). | 58.11 | P.Sft | 49277 |
| 44 | 68 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P.18). | 261.25 | Each | 17765 |
| 45 | 16896 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%Sft | 140228 |
| 46 | 10750 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 47596 |
| 47 | 64462 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 695964 |
| 48 | 18696 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 (c) P. No. 56) | 2567.95 | \%Sft | 480104 |
| 49 | 7138 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 151069 |
| 50 | 9730 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 123652 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 6842 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 1272886 |
| 52 | 13342 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 2988208 |
| 53 | 6400 | Laying floor of approved with glazed tile $1 / 4^{\prime \prime}$ thick in white cement $1: 2$ over 3/4: thick cement mortor $1: 2$ complete (C.S.I No:24 P-43). | 27678.68 | \%Sft | 1771436 |
| 54 | 0 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor 3/4 "thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 0 |
| 55 | 0 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 0 |
| 56 | 0 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 0 |
| 57 | 0 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete $1: 2: 4$. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42) . | 4411.82 | \%Sft | 0 |
| 58 | 640 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 20015 |
| 59 | 360 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 80629 |
| 60 | 152 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 110461 |
| 61 | 0 | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 0 |
| 62 | 0 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). <br> P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes 1:2 gra $y$ cement mortor $3 / 4^{\prime \prime}$ thick $1 / \mathrm{c}$ washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: 61 P-48) | 75.63 | \%Sft | 0 |
| 63 | 192 |  | 47651.56 | \%Sft | 91491 |
| 64 | 24500 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 (c) P. No. 56) | 1328.13 | \%Sft | 325392 |
|  |  |  | TOTAL:- |  | 23704702 |
| PART "B" |  |  |  |  |  |
| 1 | 14 | Providing \& fixing squating type white glazed of flushe cisten with internal fitting\&flush pippe with bend and making requesite numbers of holes in wall plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C not less than $19^{\prime \prime}$ clear opening between flushing rims and 3 gallons flushing tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) | 4802.60 | Each | 67236 |
| 2 | 13 | Providing \& fixing $24^{\prime \prime} \times 18^{\prime \prime}$ lavatory basin in white glazed earthen ware complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain $1-1 / 4^{\prime \prime}$ dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth \& floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (S.I No:8 P-No:3). | 4253.70 | Each | 55298 |
| 3 | 11 | Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.1 No:9 P-No:3). | 938.47 | Each | 10323 |
| 4 | 6 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to match colour of the building. | 270.60 | Each | 1624 |
| 5 | 24 | P/F in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with pair of brass nuts and lining joints to nyloon connection <br> No:23 P-No:6). | 447.15 | Each | 10732 |


| Item <br> No. | Quantities | $\quad$ Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :--- | :--- | :--- | :---: |
| 6 | 15 | P/F 6" x 4" c.c gully trap with 4" dia out let complte with 4" thick 1:2:4 c.c for <br> bed and 1/2" thick cement plaster 1:3 to the karb c.I caning 6" x $6^{\prime \prime}$ and c.I cover <br> (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 17898 |
| and frame 12" x 12" in side etc complete |  |  |  |  |  |


| Item <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 5 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of BB in cement motor 1:3 cement plaster 1:3, $1 / 2^{\prime}$ thick inside of walls and $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing Cl manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ $(457 \times 457 \mathrm{~mm})$ of 1.75 Cwt . ( 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 73740 |
| 27 | 2 | Providing PVC Pipes of class D equalvalent make) fixingg in trench $i / c$ cutting fitting and jointing with " $Z$ " joint with one rubber Ring i/c testing with water to head of 122 metere or 400 ft . (S.I.No:3 Page No:23) |  |  |  |
|  | 200 | 3"dia | 137.00 | Each | 27400 |
|  | 185 | $4^{\prime \prime \prime}$ dia | 226.00 | Each | 41810 |
|  |  |  | TOTAL :- |  | 1049145 |

Amount Total (CSR)

Part "A"

Part "B"
\% Above / Below $\qquad$
\% Above / Below $\qquad$

Total Amount

Total Amount
$\qquad$

Total " $\mathrm{A}+\mathrm{B}$ "

## NON SCHEDULE ITEMS



1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=\operatorname{TOTAL}(\mathrm{A})+$ TOTAL $(\mathrm{B})$

EXECUTIVE ENGINEER EDUGAXION WORKS DIVISION SUKKUR

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences
(L) Liquidity Demages

Executive Engineer, Education Works Division Sukkur

REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GBPS NUSRAT COLONY, GGLSS SHAMSA ABAD, GBELS ISLAMIA, GBPS OLD SUKKUR, GBPS MAIN SUKKUR, GBPS GULSHER CHOHAN, RAILWAY COLONY IST SHIFT (GIRLLS) TALUKA SUKKUR CITY. (PACKAGE NO. 2)

Near Shikarpur Phatak Golimar Road Sukkur
32843000
5\% on Bid

90 Days

10\%
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM

04 Months
$-$ $\qquad$
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$
(o) Tender Issued to (Mr. / M/S)

## BILL OF QUANTITIES


#### Abstract

NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY / ELEMENTARY SCHOOLS @ GBPS NUSRAT COLONY, GGLSS SHAMSA ABAD, GBELS ISLAMIA, GBPS OLD SUKKUR, GBPS MAIN SUKKUR, GBPS GULSHER CHOHAN, RAILWAY COLONY IST SHIFT (GIRLLS) TALUKA SUKKUR CITY. (PACKAGE NO. 2)


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 2750 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \%Cft | 149738 |
| 2 | 5858 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 75312 |
| 3 | 2243 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 8481 |
| 4 | 4629 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \%Cft | 60492 |
| 5 | 9974 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \%Cft | 12069 |
| 6 | 6 | Removing doors with chowkats (C.S.I No:33 (a) P-12). <br> Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 853 |
| 7 | 9 |  | 102.85 | Each | 926 |
| 8 | 15650 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No: 18 (b)P.5. | 3176.25 | \%0Cft | 49708 |
| 9 | 2794 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 263091 |
| 10 | 4482 | Cement concrete brick or stone ballast 11/2" to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8624.95 | \%Cft | 389708 |
| 11 | 11462 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 1369521 |
| 12 | 4525 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ quage.(C.S.J No:6 A (1) P. 17 ). | 337.00 | P.Cft | 1524925 |
| 13 | 0 | First Floor | 349.10 | P.Cft | 0 |
| 14 | 247 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 1234144 |
| 15 | 8320 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 94952 |
| 16 | 3399 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | $1512.50$ | \%0Cft | 5141 |
| 17 | 3212 |  | 3630.00 | \%0Cft | 11660 |
| 18 | 3212 | Extra Lead for one Mile | 579.41 | \%Cft | 18611 |
| 19 | 11727 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 1486322 |
| 20 | 0 | First Floor | 13112.86 | \%Cft | 0 |
| 21 | 5433 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: 52). | 12346.65 | \%Cft | 670793 |
| 22 | 9938 |  | 660.00 | \%Sft | 65591 |
| 23 | 9938 |  | 3015.76 | \%Sft | 299706 |
| 24 | 39835 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 878999 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 39835 | Cement plaster upto $20^{\prime}$ height $3 / 8^{n}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 875382 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 17908 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 230555 |


| liem | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 400 | $\begin{aligned} & \text { Providing and fixing G.I frames /Chowkates } 7^{" 2} 2^{"} \text { or } 41 / /^{" \prime} \times 3^{\prime \prime} \text { for door using } \\ & 20 \text { guage G.I sheet } \mathrm{i} / \mathrm{c} \text { welded hinges and fixing at site with necessary hols fast } \\ & \text { filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c } \\ & \text { all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). } \end{aligned}$ | 228.90 | P.Rft | 91560 |
| 28 | 200 | Providing and fixing G.I frames /Chowkates 7 " $22^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $i / c$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio $1: 6$ and reparing the janbs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 48100 |
| 29 | 100 | Suppling and fixing in position iron steel grill of $3 / 4^{\prime \prime} \times 1 / 4^{\prime \prime}$ size flate iron of approved design $\mathrm{I} / \mathrm{c}$ painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 18050 |
| 30 | 500 | First class deodar wood wrought joinery in doors and windos etcfied inosition I/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4^{\text {"only }}$ shutter (C.S.I No:7 (b) P. 58 ). | 902.93 | P.Sft | 451465 |
| 31 | 3824 | Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Sft | 125255 |
| 32 | 0 | Two coats of bitumen laid hot using 34 "Lbs for 100sft over roof and blinded with sand at 1 Sft per 100 sft (C.S.I No:13 P.35). | 1887.40 | \%Sft | 0 |
| 33 | 239 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 922063 |
| 34 | 1016 | S/F T.Iron at Site of Work | 3575.00 | P.Cwt | 3632869 |
| 35 | 396 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 73716 |
| 36 | 10007 | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 Lbs. Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 1 \quad 1 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including 1:2 cement pointing underside of tiles complete including curing etc. (C.S.I No:1 P.33). | 11443.11 | \%Sft | 1145065 |
| 37 | 593 | 2nd class tiles roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with leaping over $1 / 2^{\text {"thick }}$ cement plaster $1: 6$ with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12 " $\times 6$ " $\times 2$ "tiles laid in 1 " 6 cement mortor including $1: 2$ cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | 7607.25 | \%Sft | 45111 |
| 38 | 1375 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 96800 |
| 39 | 1753 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16) | 14429.25 | \%Cft | 252945 |
| 40 | 1720 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STLLE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile, (C.S. INo:60 P-47). | 30509.77 | \%Sft | 524768 |
| 41 | 315 | Providing and fixing iron collapsible gate with channel framing of section 3/4" $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} \mathrm{I} / \mathrm{c}$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also $\mathrm{I} / \mathrm{c}$ locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 121918 |
| 42 | 0 | Providing and laying cement ornamental cement jalli 2" thick 1:2:4 without steel (C.S.I No:11 P.18). | 226.02 | P.Sft | 0 |
| 43 | 840 | Notice board made with cement (C.S.I No.1 P.95). | 58.11 | P.Sft | 48812 |
| 44 | 210 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P.18). | 261.25 | Each | 54863 |
| 45 | 11761 | White wash three coats (C.S.I No :26 (c) P-54). | 829.95 | \%Sft | 97610 |
| 46 | 43955 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 194611 |
| 47 | 52753 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 569548 |
| 48 | 17532 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 | 2567.95 | \%Sft | 450213 |
| 49 | 16648 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 352340 |
| 50 | 10607 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 134797 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 3304 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 614676 |
| 52 | 3163 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city guddra / cobble shape with pigmented having strength $\mathrm{b} / \mathrm{w} 5000$ psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 708417 |
| 53 | 170 | Laying floor of approved with glazed tile $1 / 4^{\prime \prime}$ thick in white cement $1: 2$ over 3/4: thick cement mortor 1:2 complete (C.S.I No:24 P-43). | 27678.68 | \%Sft | 47054 |
| 54 | 253 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor 3/4 "thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 71481 |
| 55 | 10045 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 86377 |
| 56 | 230 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 409055 |
| 57 | 3216 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42). | 4411.82 | \%Sft | 141884 |
| 58 | 3593 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 112368 |
| 59 | 2327 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city guddra / cobble shape with pigmented having strength $\mathrm{b} / \mathrm{w} 5000$ psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 521178 |
| 60 | 2673 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 1942523 |
| 61 | 860 | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 45669 |
| 62 | 0 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). | 75.63 | \%Sft | 0 |
| 63 | 0 | P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes 1:2 gra y cement mortor $3 / 4^{\prime \prime}$ thick $\mathrm{I} / \mathrm{c}$ washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: 61 P-48 ) | 47651.56 | \%Sft | 0 |
| 64 | 1990 | Preparing the surface and painting with weather coat $I / c$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 <br> (c) P. No. 56) | 1328.13 | \%Sft | 26430 |
|  |  |  | TOTAL :- |  | 23956269 |
|  |  | PART "B" |  |  |  |
| 1 | 22 | Providing \& fixing squating type white glazed of flushe cisten with internal fitting\&flush pippe with bend and making requesite numbers of holes in wall plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C not less than 19" clear opening between flushing rims and 3 gallons flushing tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) | 4802.60 | Each | 105657 |
| 2 | 18 | Providing \& fixing $24^{\prime \prime} \times 18^{\prime \prime}$ lavatory basin in white glazed earthen ware complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain $1-1 / 4^{\prime \prime}$ dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth \& floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (S.I No:8 P-No:3). | 4253.70 | Each | 76567 |
| ${ }^{3}$ | 18 | Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3). | 938.47 | Each | 16892 |
| ${ }^{4}$ | 2 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to match colour of the building. | 270.60 | Each | 541 |
| 5 | 36 | P/F in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with pair of brass nuts and lining joints to nyloon connection <br> No:23 P-No:6). | 447.15 | Each | 16097 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 18 | P/F $6^{\prime \prime} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{\prime \prime}$ thick 1:2:4 c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb c.I caning $6^{\prime \prime} \times 6^{\prime \prime}$ and c.I cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete <br> (S.I No:1(a-i) P-No:21). | $1193.17$ | Each | 21477 |
| 7 | 0 | P/F 4"dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:1 P-No:9). | 333.29 | Each | 0 |
| 8 | 0 | RCC pipe with colar class " $B$ " and didding the traches to the required depth an fixing in positin I/c cutting fitting and jointing with max phalt composition and cemen mortor $1: 1$ and testing with water presure to head of 4 Ft aboe the top of the heigh |  |  |  |
|  | 400 | 4"dia | 146.57 | P.Rft | 58628 |
|  | 400 | 6"dia | 199.25 | P.Rft | 79700 |
| 9 | 28 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& I/c making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No.3). | 2042.43 | Each | 57188 |
| 10 | 0 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and I/c the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12) | , |  |  |
| 1 | 1280 | 1/2"dia | 73.21 | P.Rft | 93709 |
| ii | 986 | 3/4"dia | 95.79 | P.Rft | 94449 |
| iii | 530 | 1 "dia | 128.55 | P.Rft | 68132 |
| iv | 230 | $11 / 2^{\prime \prime} \mathrm{dia}$ | 153.19 | P.Rft | 35234 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete |  |  |  |
|  | 770 | $1 / 2^{\prime \prime} \mathrm{dia}$ | 7.82 | P.Rft | 6021 |
|  | 470 | 3/4" dia | 8.45 | P.Rft | 3972 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 22 | 1/2"dia | 161.92 | Each | 3562 |
|  | 23 | 3/4 dia | 227.92 | Each | 5242 |
| 13 | 6 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. $1 / 2^{\text {" }}$ dia. | 877.80 | Each | 5267 |
| 14 | 2 | S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia. | 889.46 | Each | 1779 |
| 15 | 60 | S/F concelled stop cock of superior quality with crystal head head $1 / 2^{\prime \prime}$ dia (S.I No:11 (b) P-No:18). | 478.28 | Each | 28697 |
| 16 | 20 | S/F long bib cock of crystal head with c.p head1/2" dia (S.I No:13 (b) PNo:19). | 1109.46 | Each | 22189 |
| 17 | 10 | S./F wash been mixture of superior quality with c.p head $1 / 2^{\prime \prime}$ dia with crystal head <br> (S.I No:16 (b) P-No:15). | 2882.00 | Each | 28820 |
| 18 | 10 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 7953 |
| 19 | 12 | Supplying \& fixing Bath room accessories set (7 pieces I/c towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | 8122.40 | Each | 97469 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| ii | 18 | 3/4" dia | 271.92 | Each | 4895 |
| iii | 12 | $1^{\prime \prime}$ dia | 365.42 | Each | 4385 |
| 21 | 0 | P/F in position fiber glass tank with approved design and wall thickness as specified I/c cost of nuts polts and fixinf in plate forum of c.c I:3:6 and makng connections for inlate out late and over flow inlate out flow pipes etc complete (Si No:3 P-No: 18 |  |  |  |
| ii | 17 | 250 Gallon | 21989.61 | Each | 373823 |
| 22 | 2 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime}$ dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 403 |
| 23 | 2 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock, Standard Pattern | 337.92 | Each | 676 |
| 24 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| 1 | 0 | $1 / 2^{\prime \prime} \mathrm{dia}$ |  |  |  |
| ii | 0 | $3 / 4^{\prime \prime}$ dia | 271.92 | Each | 0 |
| 25 | 355 | Boring for Tube Well | 160.00 | Each | 56800 |


| Itêm <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 5 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of BB in cement motor $1: 3$ cement plaster $1: 3,1 / 2^{\prime}$ thick inside of walls and $I^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing Cl manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ $(457 \times 457 \mathrm{~mm})$ of 1.75 Cwt . 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 73740 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixinbg in trench $i / c$ cutting fitting and jointing with " Z " joint with one rubber Ring $\mathrm{i} / \mathrm{c}$ testing with water to head of 122 metere or400ft. (S.I.No:3 Page No:23) |  |  |  |
|  | 195 | 3"dia | 137.00 | Each | 26715 |
|  | 180 | 4'dia | 226.00 | Each | 40680 |
|  |  |  | TOTAL :- |  | 1517359 |

Amount Total (CSR)
Part "A"
\% Above / Below $\qquad$
\% Above / Below $\qquad$ Total Amount

Total "A+B"
NON SCHEDULE ITEMS

| 1 | 10449 | P <br> d <br> th <br> jo <br> th <br> $e$ |
| :---: | :---: | :---: |
| 2 | 5 | S |
| 3 | 3 | P <br> a |

Providing \& laying floor of Verona marble tiles of size $12^{\prime \prime} \times 12^{\prime \prime} \times 3 / 4$ " fine dressed on the surface without winding set in white cement laid over $3 / 4$ " thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of titles, including curring, grinding, rubbing and chemical polishing etc. complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. S/F Chiiler for Cold water i/c Stablizer
P/F piston pump set 1 H.P single phase 220 valts with $1 / 1 / 4^{\prime \prime} \times 1 / 1 / 4^{\prime \prime}$ suction and delivery (Local made) (Electric)

| /4" fine |  | P.Sft |  |
| ---: | :---: | :---: | :---: |
| $3 / 4 "$ |  |  |  |
| slurry, |  |  |  |
| 0 match |  |  |  |
| plishing |  |  |  |
|  | - | Each |  |
| suction |  | Each |  |
|  | TOTAL :- |  |  |
|  |  |  |  |

Amount
Position

1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates
$\operatorname{TOTAL} \operatorname{COST}$ OF BID $(\mathrm{C})=\operatorname{TOTAL}(\mathrm{A})+\operatorname{TOTAL}(\mathrm{B})$

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

## NIT No. EE/EWD/TC/ 1018 <br> Dated: 21.02.2018

(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)

Executive Engineer, Education Works Division Sukkur

REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GGPS SHAH KHALID COLONY, GBPS A.D.C COLONY, GBPS SHAH FAISAL COLONY, GGPS NEW GOTH, GBPS BIHAR COLONY GBPS PIR MUHAMMAD SHAH, GBPS AZIZ ABAD TALUKA SUKKUR. (PACKAGE NO. 3)

Near Shikarpur Phatak Golimar Road Sukkur
35580000
5\% on Bid
90 Days
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(7.50\% Income Tax) \& (5\% Security Deposit)
(i) Deadline for submission of bids along with time
12.03.2018 at 01:00 PM
(j) Venue, Time and Date of Bid Opening
13.03.2018 at 02:00 PM
(k) Time for completion from written order of commences

04 Months
(L) Liquidity Demages
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(o) Tender Issued to (Mr. / M/S)


## BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates


#### Abstract

NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GGPS SHAH KHALID COLONY, GBPS A.D.C COLONY, GBPS SHAH FAISAL COLONY, GGPS NEW GOTH, GBPS BIHAR COLONY GBPS PIR MUHAMMAD SHAH, GBPS AZIZ ABAD TALUKA SUKKUR. (PACKAGE NO. 3)


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 4856 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \%Cft | 264409 |
| 2 | 8165 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 104972 |
| 3 | 2567 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 9707 |
| 4 | 3832 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \%Cft | 50077 |
| 5 | 8514 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \%Cft | 10302 |
| 6 | 0 | Removing doors with chowkats (C.S.I No:33 (a) P-12). Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 0 |
| 7 | 0 |  | 102.85 | Each | 0 |
| 8 | 15995 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 50804 |
| 9 | 4321 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 406877 |
| 10 | 3942 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 342755 |
| 11 | 14751 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \% Cft | 1762503 |
| 12 | 5804 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (1)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ quage.(C.S.I No:6 A (1) P.17). | 337.00 | P.Cft | 1955948 |
| 13 | 349 | First Floor | 349.10 | P.Cft | 121836 |
| 14 | 309 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 1545055 |
| 15 | 8032 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 91665 |
| 16 | 4761 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 7201 |
| 17 | 26907 |  | 3630.00 | \%0Cft | 97672 |
| 18 | 25819 | Extra Lead for one Mile | 579.41 | \%Cft | 149598 |
| 19 | 20678 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 2620804 |
| 20 | 0 | First Floor | 13112.86 | \%Cft | 0 |
| 21 | 7276 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: 52). | 12346.65 | \%Cft | 898342 |
| 22 | 6426 |  | 660.00 | \%Sft | 42412 |
| 23 | 7332 |  | 3015.76 | \%Sft | 221116 |
| 24 | 63692 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | $2206.60$ | \%Sft | 1405428 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 62212 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 1367121 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 25134 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 323585 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 963 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for door using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 220431 |
| 28 | 599 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio 1:6 and reparing the janbs. Cost also $\mathrm{i} / \mathrm{c}$ all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 144060 |
| 29 | 724 | Suppling and fixing in position iron steel grill of $3 / 4^{\prime \prime} \times 1 / 4^{\prime \prime}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 130682 |
| 30 | 1071 | First class deodar wood wrought joinery in doors and windos etcfied inosition $\mathrm{I} / \mathrm{c}$ in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4$ "only shutter (C.S.I No:7 (b) P.58). | 902.93 | P.Sft | 967038 |
| 31 | 4424 | Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Sft | 144908 |
| 32 | 0 | Two coats of bitumen laid hot using $34^{\prime \prime} \mathrm{Lbs}$ for 100 sft over roof and blinded with sand at 1 Sft per 100 sft (C.S.I No:13 P.35). | 1887.40 | \%Sft | 0 |
| 33 | 313 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 1206459 |
| 34 | 230 | S/F T.IIron at Site of Work | 3575.00 | P.Cwt | 822164 |
| 35 | 546 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 101641 |
| 36 | 7874 | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 Lbs . Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 11 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including 1:2 cement pointing underside of tiles complete including curing etc. (C.S.I No:1 P. 33), | 11443.11 | \%Sft | 900983 |
| 37 | 7214 | 2nd class tiles roofing consisting of 4 "earth and 1 " mud plaster with leaping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12 " $\times 6$ " $\times 2$ "tiles laid in 1 " 6 cement mortor including $1: 2$ cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | $7607.25$ | \%Sft | 548787 |
| 38 | 1030 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 72512 |
| 39 | 2380 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16) | 14429.25 | \% Cft | 343416 |
| 40 | 2222 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile, (C.S.I No: 60 P-47). | 30509.77 | \%Sft | 677927 |
| 41 | 315 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} 1 / \mathrm{c}$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also $\mathrm{I} / \mathrm{c}$ locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 121918 |
| 42 | 0 | Providing and laying cement ornamental cement jalli $2^{\prime \prime}$ thick 1:2:4 without steel (C.S.I No:11 P.18). | 226.02 | P.Sft | 0 |
| 43 | 944 | Notice board made with cement (C.S.I No:I P.95). | 58.11 | P.Sft | 54856 |
| 44 | 257 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P.18). | 261.25 | Each | 67141 |
| 45 | 14673 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%Sft | 121779 |
| 46 | 56249 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 249042 |
| 47 | 73031 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 788479 |
| 48 | 23839 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 (c) P. No. 56) | 2567.95 | \%Sft | 612174 |
| 49 | 17827 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 377292 |
| 50 | 11035 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 140236 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 5322 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 990105 |
| 52 | 9213 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 2063436 |
| 53 | 95 | Laying floor of approved with glazed tile $1 / 4^{\prime \prime}$ thick in white cement $1: 2$ over 3/4: thick cement mortor 1:2 complete (C.S.I No:24 P-43). | 27678.68 | \%Sft | 26295 |
| 54 | 0 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor $3 / 4$ " thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 0 |
| 55 | 3457 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 29727 |
| 56 | 300 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 533550 |
| 57 | 1396 | Providing and lying $3^{n \prime}$ thick topping cement concrete $1: 2: 4$. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42). | 4411.82 | \%Sft | 61589 |
| 58 | 2799 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 87536 |
| 59 | 700 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 156779 |
| 60 | 87 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 63225 |
| 61 | 4220 | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 224097 |
| 62 | 317 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). <br> P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes $1: 2$ gra $y$ cement mortor $3 / 4^{\prime \prime}$ thick I/c washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile. (C.S.I No: 61 P-48 ) | 75.63 | \%Sft | 240 |
| 63 | 0 |  | 47651.56 | \%Sft | 0 |
| 64 | 2816 | Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 (c) P. No. 56) | 1328.13 | \%Sft | 37400 |
| PART "B" |  |  | TOTAL :- |  | 26938091 |
|  |  |  | , |  |  |
| 1 | 28 | Providing \& fixing squating type white glazed of flushe cisten with internal fitting\&flush pippe with bend and making requesite numbers of holes in wall plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C not less than $19^{\prime \prime}$ clear opening between flushing rims and 3 gallons flushing tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) | 4802.60 | Each | 134473 |
| 2 | 25 | Providing \& fixing $24^{\prime \prime} \times 18^{\prime \prime}$ lavatory basin in white glazed earthen ware complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain 1-1/4" dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth \& floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (S.I No:8 P-No:3). | 4253.70 | Each | 106343 |
| 3 | 25 | Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3). | 938.47 | Each | 23462 |
| 4 | 8 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to match colour of the building. | 270.60 | Each | 2165 |
| 5 | 50 | $\mathrm{P} / \mathrm{F}$ in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with pair of brass nuts and lining joints to nyloon connection | 447.15 | Each | 22358 |


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| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 25 | P/F $6^{\text {" }} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{" t}$ thick 1:2:4 c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb c.I caning $6^{\prime \prime} \times 6^{\prime \prime}$ and c.I cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 29829 |
| 7 | 0 | P/F 4"dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:1 P-No:9). | 333.29 | Each | 0 |
| 8 | 0 | RCC pipe with colar class " B " and didding the traches to the required depth an fixing in positin $\mathrm{I} / \mathrm{c}$ cutting fitting and jointing with max phalt composition and cemen mortor $1: 1$ and testing with water presure to head of 4 Ft aboe the top of the heigh |  |  |  |
|  | 490 | 4"dia | 146.57 | P.Rft | 71819 |
|  | 490 | 6"dia | 199.25 | P.Rft | 97633 |
| 9 | 50 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& $\mathrm{I} / \mathrm{c}$ making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No.3). | 2042.43 | Each | 102122 |
| 10 | 0 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and $I / c$ the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No. 12) |  |  |  |
| 1 | 1790 | 1/2"dia | 73.21 | P.Rft | 131046 |
| ii | 1327 | 3/4"dia | 95.79 | P.Rft | 127113 |
| iii | 780 | 1"dia | 128.55 | P.Rft | 100269 |
| iv | 235 | $11 / 2^{\prime \prime}$ dia | 153.19 | P.Rft | 36000 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete |  |  |  |
|  | 820 | 1/2" dia | 7.82 | P.RAt | 6412 |
|  | 470 | 3/4" dia | 8.45 | P.Rft | 3972 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 28 | 1/2"dia | 161.92 | Each | 4534 |
|  | 32 | 3/4 dia | 227.92 | Each | 7293 |
| 13 | 12 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. $1 / 2^{\prime \prime}$ dia. | 877.80 | Each | 10534 |
| 14 | 8 | S/Fixing cancealed tee-stop cock of superir quality with c.p head $1 / 2^{\prime \prime}$ dia. | 889.46 | Each | 7116 |
| 15 | 68 | $\mathrm{S} / \mathrm{F}$ concelled stop cock of superior quality with crystal head head $1 / 2^{\text {" }}$ dia (S.I No:11 (b) P-No:18). | 478.28 | Each | 32523 |
| 16 | 20 | S/F long bib cock of crystal head with c.p head $1 / 2^{\prime \prime}$ dia (S.I No:13 (b) PNo:19). | 1109.46 | Each | 22189 |
| 17 | 10 | S./F wash been mixture of superior quality with c.p head $1 / 2^{\prime \prime}$ dia with crystal head (S.I No:16 (b) P-No:15). | 2882.00 | Each | 28820 |
| 18 | 10 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 7953 |
| 19 | 14 | Supplying \& fixing Bath room accessories set (7 pieces $1 / \mathrm{c}$ towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | 8122.40 | Each | 113714 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| ii | 20 | 3/4" dia | 271.92 | Each | 5438 |
| iii | 13 | $1^{\prime \prime}$ dia | 365.42 | Each | 4750 |
| 21 | 0 | P/F in position fiber glass tank with approved design and wall thickness as specified I/c cost of nuts polts and fixinf in plate forum of c.c 1:3:6 and makng connections for inlate out late and over flow inlate out flow pipes etc complete (Si No:3 P-No: 18 | , |  |  |
| ii | 21 | 250 Gallon | 21989.61 | Each | 461782 |
| 22 | 8 | Providing \& fixing 4" $\times 4^{\prime \prime}$ dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 1612 |
| 23 | 8 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock , Standard Pattern | 337.92 | Each | 2703 |
| 24 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| I | 0 | $1 / 2^{\prime \prime}$ dia |  |  |  |
| ii | 1 | 3/4" dia | 271.92 | Each | 272 |
| 25 | 620 | Boring for Tube Well | 160.00 | Each | 99200 |


| Item <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 5 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of $B B$ in cement motor $1: 3$ cement plaster $1: 3,1 / 2^{\prime}$ thick inside of walls and $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing Cl manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ $(457 \times 457 \mathrm{~mm})$ of 1.75 Cwt . ( 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 73740 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixinbg in trench $i / c$ cutting fitting and jointing with " Z " joint with one rubber Ring $\mathrm{i} / \mathrm{c}$ testing with water to head of 122 metere or 400 ft. (S.I.No:3 Page No:23) |  |  |  |
|  | 295 | 3"dia | 137.00 | Each | 40415 |
|  | 295 | 4'"dia | 226.00 | Each | 66670 |
|  |  |  |  |  |  |

Amount Total (CSR)
Part "A"

Part "B" \% Above / Below $\qquad$ Total Amount

Total Amount
\% Above / Below $\qquad$

Total " $\mathrm{A}+\mathrm{B}$ "

## NON SCHEDULE ITEMS

| 1 | 7479 | Providing \& laying floor of Verona marble tiles of size $12^{\prime \prime} \times 12^{\prime \prime} \times 3 / / "$ fine <br> dressed on the surface without winding set in white cement laid over 3 / " " <br> thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, <br> jointing and washing the tiles with slurry of white cement and pigment to match <br> the colour of titles, including curring, grinding, rubbing and chemical polishing <br> etc. complete i/c cutting tiles to proper profile. | P.Sft |  |  |
| :---: | :---: | :--- | :--- | :--- | :--- |
| 2 | 7 | S/F Chiiler for Cold water i/c Stablizer | P/F piston pump set 1 H.P single phase 220 valts with $1 / 1 / 4^{\prime \prime} \times 1 / 1 / 4^{\prime \prime}$ suction <br> and delivery (Local made) (Electric) |  | Each |
| 3 | 5 | TOTAL :- |  |  |  |

## Cost of Bid

1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=\operatorname{TOTAL}(\mathrm{A})+\operatorname{TOTAL}(\mathrm{B})$

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018
Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences

Executive Engineer, Education Works Division Sukkur

REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GBPS GHUMRA, GBPS WARAYO GOTH, GBPS BAGERJI, GGPS LAIQUE MAKA TALUKA SUKKUR. (PACKAGE NO. 4)

Near Shikarpur Phatak Golimar Road Sukkur
32173000
$5 \%$ on Bid
90 Days

10\%
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM

04 Months
$\qquad$
(L) Liquidity Demages
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(o) Tender Issued to (Mr. / M/S) $\square$
$\square$震 $\qquad$

## BILL OF QUANTITIES

## NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GBPS GHUMRA, GBPS WARAYO GOTH, GBPS BAGERJI, GGPS LAIQUE MAKA TALUKA SUKKUR. (PACKAGE NO. 4)

| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 2068 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | $\begin{gathered} 5445.00 \\ - \\ \hline \end{gathered}$ | \%Cft | 112603 |
| 2 | 2404 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 30907 |
| 3 | 1444 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 5460 |
| 4 | 6174 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \%Cft | 80682 |
| 5 | 7368 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | $\% \mathrm{Cft}$ | 8915 |
| 6 | 0 | Removing doors with chowkats (C.S.I No:33 (a) P-12). Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 0 |
| 7 | 0 |  | 102.85 | Each | 0 |
| 8 | 18286 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 58081 |
| 9 | 5396 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 508102 |
| 10 | 3102 | Cement concrete brick or stone ballast 11/2" to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 269717 |
| 11 | 11944 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 1427112 |
| 12 | 8480 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ guage.(C.S.I No:6 A (1) P.17). | 337.00 | P.Cft | 2857760 |
| 13 | 0 | First Floor | 349.10 | P.Cft | 0 |
| 14 | 454 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 2272201 |
| 15 | 10138 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 115700 |
| 16 | 5730 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft. (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 8667 |
| 17 | 5698 |  | 3630.00 | \%0Cft | 20684 |
| 18 | 5698 | Extra Lead for one Mile | 579.41 | \%Cft | 33015 |
| 19 | 14380 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 1822573 |
| 20 | 0 | First Floor | 13112.86 | \%Cft | 0 |
| 21 | 8840 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: <br> 52). | 12346.65 | \%Cft | 1091444 |
| 22 | 7656 |  | 660.00 | \%Sft | 50530 |
| 23 | 7656 |  | 3015.76 | \%Sft | 230887 |
| 24 | 45752 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52 ). | 2206.60 | \%Sft | 1009564 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 45752 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 1005409 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 19060 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 245386 |


| Item <br> No. | Quantities | $\quad$ Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :--- | :--- | :--- | :--- |
| 27 | 400 | Providing and fixing G.I frames /Chowkates 7"2" or 41/2" x 3" for door using <br> 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast <br> filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c <br> all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 91560 |
| 28 | 200 | Providing and fixing G.I frames /Chowkates 7"2" or 41/2" x 3" for windows <br> using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols <br> fast filling with cement sand slurry of ratio 1:6 and reparing the janbs. Cost also <br> i/c all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 48100 |
| 29 | 100 | Suppling and fixing in position iron steel grill of 3/4"x 1/4" size flate iron of <br> approved design I/c painting three coats etccomplete weightg not less than 3.7 <br> lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 18050 |


| Item <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 2916 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 542493 |
| 52 | 3326 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength $\mathrm{b} / \mathrm{w} 5000 \mathrm{psi}$ to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 744924 |
| 53 | 190 | Laying floor of approved with glazed tile $1 / 4^{\prime \prime}$ thick in white cement $1: 2$ over 3/4: thick cement mortor 1:2 complete (C.S.I No:24 P-43). | 27678.68 | \%Sft | 52589 |
| 54 | 0 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor $3 / 4$ " thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 0 |
| 55 | 5176 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 44508 |
| 56 | 200 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 355700 |
| 57 | 1952 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42). | 4411.82 | \%Sft | 86119 |
| 58 | 5702 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 178325 |
| 59 | 0 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 0 |
| 60 | 63 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 45783 |
| 61 | 1720 | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 91338 |
| 62 | 0 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). <br> P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes 1:2 gra y cement mortor $3 / 4^{\prime \prime}$ thick $\mathrm{I} / \mathrm{c}$ washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: $61 \mathrm{P}-48$ ) | 75.63 | \%Sft | 0 |
| 63 | 0 |  | 47651.56 | \%Sft | 0 |
| 64 | 3980 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 (c) P. No. 56) | 1328.13 | \%Sft | 52860 |
|  |  |  | TOTAL:- |  | 26573634 |
|  |  | PART "B" |  |  |  |
| 1 | 20 | Providing \& fixing squating type white glazed of flushe cisten with internal fitting\&flush pippe with bend and making requesite numbers of holes in wall plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C not less than $19^{\prime \prime}$ clear opening between flushing rims and 3 gallons flushing tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) | 4802.60 | Each | 96052 |
| 2 | 16 | Providing \& fixing $24^{\prime \prime} \times 18^{\prime \prime}$ lavatory basin in white glazed earthen ware complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain $1-1 / 4^{\prime \prime}$ dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth \& floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (S.I No:8 P-No:3). | 4253.70 | Each | 68059 |
| 3 | 16 | Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3) . | 938.47 | Each | 15016 |
| 4 | 0 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to match colour of the building. | 270.60 | Each | 0 |
| 5 | 32 | P/F in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with pair of brass nuts and lining joints to nyloon connection <br> No:23 P-No:6). | 447.15 | Each | 14309 |


| Ltem No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 16 | P/F $6^{\prime \prime} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{\prime \prime}$ thick 1:2:4 c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb c.I caning $6^{\prime \prime} \times 6^{\prime \prime}$ and c.I cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete <br> (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 19091 |
| 7 | 0 | P/F 4"dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:1 P-No:9). | 333.29 | Each | 0 |
| 8 | 0 | RCC pipe with colar class " $B$ " and didding the traches to the required depth an fixing in positin I/c cutting fitting and jointing with max phalt composition and cemen mortor $1: 1$ and testing with water presure to head of 4 Ft aboe the top of the heigh | $\cdots$ |  |  |
|  | 380 | 4"dia | 146.57 | P.Rft | 55697 |
|  | 380 | 6"dia | 199.25 | P.Rft | 75715 |
| 9 | 20 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& I/c making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No.3). | 2042.43 | Each | 40849 |
| 10 | 0 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and $\mathrm{I} / \mathrm{c}$ the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12) |  |  |  |
| I | 1080 | 1/2"dia | 73.21 | P.Rft | 79067 |
| ii | 846 | 3/4"dia | 95.79 | P.Rft | 81038 |
| iii | 430 | 1"dia | 128.55 | P.Rft | 55277 |
| iv | 220 | $11 / 2^{\prime \prime}$ dia | 153.19 | P.Rft | 33702 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete | . |  |  |
|  | 740 | $1 / 2^{\text {n }}$ dia | 7.82 | P.Rft | 5787 |
|  | 440 | 3/4" dia | 8.45 | P.Rft | 3718 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 20 | $1 / 2^{\prime \prime} \mathrm{dia}$ | 161.92 | Each | 3238 |
|  | 22 | 3/4 dia | 227.92 | Each | 5014 |
| 13 | 8 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. $1 / 2^{11}$ dia. | 877.80 | Each | 7022 |
| 14 | 0 | S/Fixing cancealed tee-stop cock of superir quality with c.p head $1 / 2^{\prime \prime}$ dia. | 889.46 | Each | 0 |
| 15 | 56 | S/F concelled stop cock of superior quality with crystal head head $1 / 2^{\prime \prime}$ dia (S.I No:11 (b) P-No:18). | 478.28 | Each | 26784 |
| 16 | 20 | S/F long bib cock of crystal head with c.p head1/2" dia (S.1 No:13 (b) PNo:19). | 1109.46 | Each | 22189 |
| 17 | 10 | S./F wash been mixture of superior quality with c.p head $1 / 2^{\prime \prime}$ dia with crystal head (S.I No:16 (b) P-No:15). | 2882.00 | Each | 28820 |
| 18 | 10 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 7953 |
| 19 | 12 | Supplying \& fixing Bath room accessories set (7 pieces I/c towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | $8122.40$ | Each | 97469 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| ii | 20 | 3/4" dia | 271.92 | Each | 5438 |
| iii | 14 | $1^{\prime \prime}$ dia | 365.42 | Each | 5116 |
| 21 | 0 | P/F in position fiber glass tank with approved design and wall thickness as specified I/c cost of nuts polts and fixinf in plate forum of c.c 1:3:6 and makng connections for inlate out late and over flow inlate out flow pipes etc complete (Si No:3 P-No: 18 |  |  |  |
| ii | 16 | 250 Gallon | 21989.61 | Each | 351834 |
| 22 | 0 | Providing \& fixing 4" x 4" dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 0 |
| 23 | 0 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock , Standard Pattern | 337.92 | Each | 0 |
| 24 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| I | 0 | $1 / 2^{\prime \prime}$ dia |  |  |  |
| ii | 0 | 3/4" dia | 271.92 | Each | 0 |
| 25 | 300 | Boring for Tube Well | 160.00 | Each | 48000 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 5 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of BB in cement motor $1: 3$ cement plaster $1: 3,1 / 2^{\prime}$ thick inside of walls and $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing Cl manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ $(457 \times 457 \mathrm{~mm})$ of 1.75 Cwt . ( 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 73740 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixinbg in trench $i / c$ cutting fitting and jointing with " Z " joint with one rubber Ring $\mathrm{i} / \mathrm{c}$ testing with water to head of 122 metere or400ft. (S.I.No:3 Page No:23) |  |  |  |
|  | 90 | 3"dia | 137.00 | Each | 12330 |
|  | 90 | $4^{\text {'"'dia }}$ | 226.00 | Each | 20340 |
|  |  |  | TOTAL :- |  | 1358662 |

Amount Total (CSR)
Part "A"
\% Above / Below $\qquad$
\% Above / Below $\qquad$

Total Amount

Total Amount

Total " $\mathrm{A}+\mathrm{B}$ "

## NON SCHEDULE ITEMS

| 1 | 10700 | Providing \& laying floor of Verona marble tiles of size $12^{\prime \prime} \times 12^{\prime \prime} \times 3 / 4^{\prime \prime}$ fine <br> dressed on the surface without winding set in white cement laid over 3 / 4" <br> thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, <br> jointing and washing the tiles with slurry of white cement and pigment to match <br> the colour of titles, including curring, grinding, rubbing and chemical polishing <br> etc. complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. | P.Sft |  |  |
| :---: | :---: | :--- | :--- | :--- | :--- |
| 2 | 4 | S/F Chiiler for Cold water i/c Stablizer | P/F piston pump set 1 H.P single phase 220 valts with $1 / 1 / 4^{\prime \prime} \times 1 / 1 / 4^{\prime \prime}$ suction <br> and delivery (Local made) (Electric) | Each |  |
| 3 | 2 | Tach |  |  |  |

1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=$ TOTAL $(\mathrm{A})+$ TOTAL $(\mathrm{B})$

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018
Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences
(L) Liquidity Demages

Executive Engineer, Education Works Division Sukkur

REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GGELS NASEER ABAD, GBPS DINPUR, GBPS JAFFAR ABAD GBPS PIR MURAD SHAH COLONY, GBPS SHAHEEN GHULAM HAIDER, GBPS ISLAM COLONYGBPS HAYAT KHAN PATHAN AT HAMDARD SOCIETY, GBPS KHUDA BUX JATOI, GBPS ABDUL SATTAR MAKA TALUKA SUKKUR. (PACKAGE NO. 5)

Near Shikarpur Phatak Golimar Road Sukkur
30824000
$5 \%$ on Bid
90 Days

10\%
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM

04 Months
$-$ $\qquad$
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$
(o) Tender Issued to (Mr. / M/S)


#### Abstract

NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY / ELEMENTARY SCHOOLS @ GGELS NASEER ABAD, GBPS DINPUR, GBPS JAFFAR ABAD GBPS PIR MURAD SHAH COLONY, GBPS SHAHEEN GHULAM HAIDER, GBPS ISLAM COLONYGBPS HAYAT KHAN PATHAN AT HAMDARD SOCIETY, GBPS KHUDA BUX JATOI, GBPS ABDUL SATTAR MAKA TALUKA SUKKUR. (PACKAGE NO. 5)


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 4594 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \% Cft | 250143 |
| 2 | 3416 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \% Cft | 43917 |
| 3 | 2776 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 10497 |
| 4 | 3592 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \% Cft | 46940 |
| 5 | 24966 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \% Cft | 30209 |
| 6 | 12 | Removing doors with chowkats (C.S.I No:33 (a) P-12). <br> Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 1706 |
| 7 | 20 |  | 102.85 | Each | 2057 |
| 8 | 18782 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 59656 |
| 9 | 6108 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 575146 |
| 10 | 5806 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 504829 |
| 11 | 14072 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 1681373 |
| 12 | 8480 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (1)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ guage. (C.S.INo:6A (1) P. 17 ). | 337.00 | P.Cft | 2857760 |
| 13 | 0 | First Floor | 349.10 | P.Cft | 0 |
| 14 | 454 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 2272201 |
| 15 | 0 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 0 |
| 16 | 7406 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 11202 |
| 17 | 11275 |  | 3630.00 | \%0Cft | 40928 |
| 18 | 11275 | Extra Lead for one Mile | 579.41 | \%Cft | 65328 |
| 19 | 14380 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 1822573 |
| 20 | 0 | First Floor | 13112.86 | \%Cft | 0 |
| 21 | 4773 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario $1: 4$ (C.S.I No: 11 (c) Page No: <br> 52). | 12346.65 | \%Cft | 589306 |
| 22 | 4524 |  | 660.00 | \%Sft | 29858 |
| 23 | 0 |  | 3015.76 | \%Sft | 0 |
| 24 | 46468 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 1025363 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 46136 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | $\% \mathrm{Sft}$ | 1013848 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 13372 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 172156 |


| Item | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 696 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime 2} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for door using 20 guage $\mathrm{G} . \mathrm{I}$ sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 159314 |
| 28 | 1770 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio $1: 6$ and reparing the janbs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 425685 |
| 29 | 1720 | Suppling and fixing in position iron steel grill of $3 / 4^{\prime \prime} \times 1 / 4^{\prime \prime}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 310460 |
| 30 | 1959 | First class deodar wood wrought joinery in doors and windos etcfied inosition $1 / \mathrm{c}$ in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4^{\text {"only }}$ shutter (C.S.I No:7 (b) P. 58 ). | 902.93 | P.Sft | 1768840 |
| 31 | 4377 | Providing and lying $2^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Stt | 143369 |
| 32 | 0 | Two coats of bitumen laid hot using $34^{\prime \prime} \mathrm{Lbs}$ for 100 sft over roof and blinded with sand at 1 Sft per 100 sft (C.S.I No:13 P.35). | 1887.40 | \%Sft | 0 |
| 33 | 187 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 720212 |
| 34 | 148 | S/F T.IIron at Site of Work | 3575.00 | P.Cwt | 530223 |
| 35 | 335 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 62394 |
| 36 | 500 | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with34 Lbs. Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 11 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including $1: 2$ cement pointing underside of tiles complete including curing etc. (C.S.I No:1 P.33). | 11443.11 | \%Sft | 57216 |
| 37 | 2370 | 2nd class tiles roofing consisting of $4^{\prime \prime}$ earth and 1 " mud plaster with leaping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12 " $\times 6$ " $\times 2$ "tiles laid in 1 " 6 cement mortor including 1:2 cement pointing under neath of tiles complete including curing etc (C.S.I No: 2 P.33). | 7607.25 | \%Sft | 180292 |
| 38 | 810 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 57024 |
| 39 | 3112 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. <br> (C.S.I No. 5 (f) Page No:16) | 14429.25 | \%Cft | 449038 |
| 40 | 3974 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile, (C,S.I No: 60 P-47). | 30509.77 | \%Sft | 1212458 |
| 41 | 0 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} 1 / \mathrm{c}$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also I/c locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 0 |
| 42 | 0 | Providing and laying cement ornamental cement jalli 2" thick 1:2:4 without steel (C S. No:11P 18) (C.S.I No:11 P.18). | 226.02 | P.Sft | 0 |
| 43 | 1248 | Notice board made with cement (C.S.I No:1 P.95). | 58.11 | P.Sft | 72521 |
| 44 | 82 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P.18). | 261.25 | Each | 21423 |
| 45 | 23218 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%Sft | 192698 |
| 46 | 31136 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 137855 |
| 47 | 78608 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 848691 |
| 48 | 26802 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 (c) P. No. 56) | 2567.95 | \%Sft | 688262 |
| 49 | 2668 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 56466 |
| 50 | 8770 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 111452 |



| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 16 | P/F $6^{\prime \prime} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{\prime \prime}$ thick 1:2:4 c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb c.I caning $6^{\prime \prime} \times 6^{\prime \prime}$ and c.I cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete <br> (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 19091 |
| 7 | 0 | P/F 4"dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:I P-No:9). | 333.29 | Each | 0 |
| 8 | 0 | RCC pipe with colar class " $B$ " and didding the traches to the required depth an fixing in positin $\mathrm{I} / \mathrm{c}$ cutting fitting and jointing with max phalt composition and cemen mortor $1: 1$ and testing with water presure to head of 4 Ft aboe the top of the heigh |  |  |  |
|  | 290 | 4"dia | 146.57 | P.Rft | 42505 |
|  | 290 | 6"dia | 199.25 | P.Rft | 57783 |
| 9 | 28 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& I/c making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No.3). | 2042.43 | Each | 57188 |
| 10 | 0 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and $\mathrm{I} / \mathrm{c}$ the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12) | , |  | , |
| I | 810 | 1/2"dia | 73.21 | P.Rft | 59300 |
| ii | 660 | 3/4"dia | 95.79 | P.Rft | 63221 |
| iii | 460 | 1"dia | 128.55 | P.Rft | 59133 |
| iv | 140 | $11 / 2^{\prime \prime}$ dia | 153.19 | P.Rft | 21447 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete |  |  |  |
|  | 700 | $1 / 2^{\prime \prime}$ dia | 7.82 | P.Rft | 5474 |
|  | 350 | 3/4" dia | 8.45 | P.Rft | 2958 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 26 | 1/2"dia | 161.92 | Each | 4210 |
|  | 30 | 3/4 dia | 227.92 | Each | 6838 |
| 13 | 12 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. $1 / 2^{\prime \prime}$ dia. | 877.80 | Each | 10534 |
| 14 | 12 | S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia. | 889.46 | Each | 10674 |
| 15 | 52 | S/F concelled stop cock of superior quality with crystal head head $1 / 2^{\prime \prime}$ dia (S.I No:11 (b) P-No:18). | 478.28 | Each | 24871 |
| 16 | 14 | S/F long bib cock of crystal head with c.p head1/2" dia (S.I No:13 (b) PNo:19). | 1109.46 | Each | 15532 |
| 17 | 7 | S./F wash been mixture of superior quality with c.p head $1 / 2^{\prime \prime}$ dia with crystal head <br> (S.I No:16 (b) P-No:15). | 2882.00 | Each | 20174 |
| 18 | 7 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 5567 |
| 19 | 14 | Supplying \& fixing Bath room accessories set (7 pieces I/c towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | 8122.40 | Each | 113714 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| ii | 13 | 3/4" dia | 271.92 | Each | 3535 |
| iii | 7 | 1" dia | 365.42 | Each | 2558 |
| 21 | 0 | P/F in position fiber glass tank with approved design and wall thickness as specified I/c cost of nuts polts and fixinf in plate forum of c.c I:3:6 and makng connections for inlate out late and over flow inlate out flow pipes etc complete (Si No:3 P-No: 18 |  |  |  |
| ii | 20 | 250 Gallon | 21989.61 | Each | 439792 |
| 22 | 10 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime}$ dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 2015 |
| 23 | 12 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock , Standard Pattern | 337.92 | Each | 4055 |
| 24 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| I | 0 | 1/2" dia |  |  |  |
| ii | 0 | 3/4" dia | 271.92 | Each | 0 |
| 25 | 630 | Boring for Tube Well | 160.00 | Each | 100800 |


| $\begin{aligned} & \hline \text { Item } \\ & \text { "No. } \end{aligned}$ | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 5 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of $B B$ in cement motor $1: 3$ cement plaster $1: 3,1 / 2^{\prime}$ thick inside of walls and $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing Cl manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ $(457 \times 457 \mathrm{~mm})$ of 1.75 Cwt . ( 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 73740 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixinbg in trench $i / c$ cutting fitting and jointing with " Z " joint with one rubber Ring i/c testing with water to head of 122 metere or400ft. (S.I.No:3 Page No:23) | + |  |  |
|  | 200 | 3"dia | 137.00 | Each | 27400 |
|  | 200 | 4"'dia | 226.00 | Each | 45200 |
|  |  |  | TOTAL :- |  | 1476779 |

Amount Total (CSR)
Part "A"

Part "B"
\% Above / Below $\qquad$

Total Amount

Total " $\mathrm{A}+\mathrm{B}$ "

## NON SCHEDULE ITEMS

| 1 | 4316 |  |
| :---: | :---: | :---: |
| 2 | 4 | S |
| 3 | 4 | P |


| Providing \& laying floor of Verona marble tiles of size $12^{\prime \prime} \times 12^{\prime \prime} \times 3 / 4^{\prime \prime}$ fine dressed on the surface without winding set in white cement laid over $3 / 4^{\prime \prime}$ thick bed of $1: 2$ grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of titles, including curring, grinding, rubbing and chemical polishing etc. complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. | , | P.Sft |  |  |
| :---: | :---: | :---: | :---: | :---: |
| S/F Chiiler for Cold water i/c Stablizer |  | Each |  |  |
| P/F piston pump set $1 \mathrm{H} . \mathrm{P}$ single phase 220 valts with $1 / 1 / 4^{\prime \prime} \times 1 / 1 / 4^{\text {" }}$ suction and delivery (Local made ) (Electric) |  | Each |  |  |
|  |  |  |  |  |

Amount
Position

1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=$ TOTAL $(\mathrm{A})+\operatorname{TOTAL}(\mathrm{B})$

## CONTRACTOR

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018
Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences
(L) Liquidity Demages

Executive Engineer, Education Works Division Sukkur

REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GBPS RAJAB ALI DAYO, GBPS GOAL ALI WAHAN, GGPS DAYA GOTH, GBPS ALI WAHAN, GBPS DARGAHI WARYAH, GBPS TAGIAL NARIWAL, GBPS ROSHANABAD, GBPS WAH BURRIRA, GBPS GARHO GOTH, GBPS KANDHRA TALUKA ROHRI. (PACKAGE NO. 6)

Near Shikarpur Phatak Golimar Road Sukkur
32713000

5\% on Bid
90 Days

10\%
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM

04 Months
$-$ $\qquad$
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(o) Tender Issued to (Mr. / M/S)


## BILL OF QUANTITIES

## Discription and Rate of Items based on Composite Schedule of Rates


#### Abstract

NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY / ELEMENTARY SCHOOLS @ GBPS RAJAB ALI DAYO, GBPS GOAL ALI WAHAN, GGPS DAYA GOTH, GBPS ALI WAHAN, GBPS DARGAHI WARYAH, GBPS TAGIAL NARIWAL, GBPS ROSHANABAD, GBPS WAH BURRIRA, GBPS GARHO GOTH, GBPS KANDHRA TALUKA ROHRI. (PACKAGE NO. 6)


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULEITEMS |  |  |  |  |  |
| 1 | 4594 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \%Cft | 250143 |
| 2 | 3416 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 43917 |
| 3 | 2776 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 10497 |
| 4 | 3592 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | $\% \mathrm{Cft}$ | 46940 |
| 5 | 24966 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | $\% \mathrm{Cft}$ | 30209 |
| 6 | 12 | Removing doors with chowkats (C.S.I No:33 (a) P-12). Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 1706 |
| 7 | 20 |  | 102.85 | Each | 2057 |
| 8 | 18782 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 59656 |
| 9 | 6108 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \% Cft | 575146 |
| 10 | 5806 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 504829 |
| 11 | 14072 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 1681373 |
| 12 | 8480 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (1)Ratio ( $1: 2: 4$ ) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ quage. (C.S.INo:6 A (1) P.17). | 337.00 | P.Cft | 2857760 |
| 13 | 0 | First Floor | 349.10 | P.Cft | 0 |
| 14 | 454 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 2272201 |
| 15 | 0 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 0 |
| 16 | 7406 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 11202 |
| 17 | 11275 |  | 3630.00 | \%0Cft | 40928 |
| 18 | 11275 | Extra Lead for one Mile | 579.41 | \%Cft | 65328 |
| 19 | 14380 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 1822573 |
| 20 | 0 | First Floor | 13112.86 | \%Cft | 0 |
| 21 | 4773 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario $1: 4$ (C.S.I No: 11 (c) Page No: 52). | 12346.65 | \%Cft | 589306 |
| 22 | 4524 |  | 660.00 | \%Sft | 29858 |
| 23 | 0 |  | 3015.76 | \%Sft | 0 |
| 24 | 46468 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52 ). | 2206.60 | \%Sft | 1025363 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 46136 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 1013848 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 13372 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | $\% \mathrm{Sft}$ | 172156 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 696 | Providing and fixing G.I frames /Chowkates 7 " 2 " or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for door using 20 guage G.I sheet $i / c$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration $1: 6$ and reparing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 159314 |
| 28 | 1770 | $\begin{aligned} & \text { Providing and fixing G.I frames /Chowkates } 7 " 2^{" \text { or }} 41 / 2^{\prime \prime} \times 3^{\prime \prime} \text { for windows } \\ & \text { using 20 guage G.I sheet } / \text { /c welded hinges and fixing at site with necessary hols } \\ & \text { fast filling with cement sand slurry of ratio } 1: 6 \text { and reparing the janbs. Cost also } \\ & \text { i/c all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). } \end{aligned}$ | 240.50 | P.Rft | 425685 |
| 29 | 1720 | Suppling and fixing in position iron steel grill of $3 / 4^{\prime \prime} \times 1 / 4^{\prime \prime}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 310460 |
| 30 | 1959 | First class deodar wood wrought joinery in doors and windos etcfied inosition I/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4$ "only shutter (C.S.I No:7 (b) P. 58 ). | 902.93 | P.Sft | 1768840 |
| 31 | 4377 | Providing and lying $2^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Sft | 143369 |
| 32 | 0 | Two coats of bitumen laid hot using 34 " Lbs for 100 sft over roof and blinded with sand at 1 Sft per 100sft (C.S.I No:13 P.35). | 1887.40 | \%Sft | 0 |
| 33 | 187 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 720212 |
| 34 | 148 | S/F T.IIron at Site of Work | 3575.00 | P.Cwt | 530223 |
| 35 | 335 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 62394 |
| 36 | 500 | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 Lbs . Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 11 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including 1:2 cement pointing underside of tiles complete including curing etc. (C.S.I No:1 P.33). | 11443.11 | \%Sft | 57216 |
| 37 | 2370 | 2nd class tiles roofing consisting of 4"earth and 1" mud plaster with leaping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12 " $\times 6$ "x2"tiles laid in 1" 6 cement mortor including 1:2 cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | 7607.25 | \%Sft | 180292 |
| 38 | 810 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 57024 |
| 39 | 3112 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. <br> (C.S.I No. 5 (f) Page No:16) | 14429.25 | \%Cft | 449038 |
| 40 | 3974 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No: $60 \mathrm{P}-47$ ). | 30509.77 | \%Sft | 1212458 |
| ${ }^{41}$ | 0 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} \mathrm{I} / \mathrm{c}$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also $\mathrm{I} / \mathrm{c}$ locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 0 |
| 42 | 0 | Providing and laying cement ornamental cement jalli $2^{\prime \prime}$ thick 1:2:4 without steel (C.S.I No:11 P.18). | 226.02 | P.Sft | 0 |
| 43 | 1248 | Notice board made with cement (C.S.I No:1 P.95). | 58.11 | P.Sft | 72521 |
| 44 | 82 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P. 18). | 261.25 | Each | 21423 |
| 45 | 23218 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%Sft | 192698 |
| 46 | 31136 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 137855 |
| 47 | 78608 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 848691 |
| 48 | 26802 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 (c) P. No. 56 ) | 2567.95 | \%Sft | 688262 |
| 49 | 2668 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 56466 |
| 50 | 8770 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 111452 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 16 | P/F $6^{\prime \prime} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{\prime \prime}$ thick $1: 2: 4$ c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb $c . I$ caning $6^{\prime \prime} \times 6^{\prime \prime}$ and $c . I$ cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete (S.1 No:1(a-i) P-No:21). | 1193.17 | Each | 19091 |
| 7 | 0 | P/F 4"dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:1 P-No:9). | 333.29 | Each | 0 |
| 8 | 0 | RCC pipe with colar class " $B$ " and didding the traches to the required depth an fixing in positin $\mathrm{I} / \mathrm{c}$ cutting fitting and jointing with max phalt composition and cemen mortor $1: 1$ and testing with water presure to head of 4 Ft aboe the top of the heigh |  |  |  |
|  | 290 | 4"dia | 146.57 | P.Rft | 42505 |
|  | 290 | $6^{\prime \prime}$ dia | 199.25 | P.Rft | 57783 |
| 9 | 28 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& $\mathrm{I} / \mathrm{c}$ making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No.3). | 2042.43 | Each | 57188 |
| 10 | 0 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and $\mathrm{I} / \mathrm{c}$ the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. I Page No.12) |  |  |  |
| I | 810 | 1/2"dia | 73.21 | P.Rft | 59300 |
| ii | 660 | 3/4"dia | 95.79 | P.Rft | 63221 |
| iii | 460 | 1 "dia | 128.55 | P.Rft | 59133 |
| iv | 140 | $11 / 2^{\prime \prime}$ dia | 153.19 | P.Rft | 21447 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting $\mathrm{i} / \mathrm{c}$ making recess in the wall for pipe and making good in Cement motor etc Complete |  |  |  |
|  | 700 | $1 / 2^{\prime \prime}$ dia | 7.82 | P.Rft | 5474 |
|  | 350 | 3/4" dia | 8.45 | P.Rft | 2958 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 26 | 1/2"dia | 161.92 | Each | 4210 |
|  | 30 | 3/4 dia | 227.92 | Each | 6838 |
| 13 | 12 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. $1 / 2^{\prime \prime}$ dia. | 877.80 | Each | 10534 |
| 14 | 12 | S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia. | 889.46 | Each | 10674 |
| 15 | 52 | S/F concelled stop cock of superior quality with crystal head head $1 / 2^{\prime \prime}$ dia (S.I No:11 (b) P-No:18). | 478.28 | Each | 24871 |
| 16 | 14 | S/F long bib cock of crystal head with c.p head1/2" dia (S.I No:13 (b) PNo:19). | 1109.46 | Each | 15532 |
| 17 | 7 | S./F wash been mixture of superior quality with $\mathrm{c} . \mathrm{p}$ head $1 / 2^{\prime \prime}$ dia with crystal head <br> (S.I No:16 (b) P-No:15). | 2882.00 | Each | 20174 |
| 18 | 7 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 5567 |
| 19 | 14 | Supplying \& fixing Bath room accessories set (7 pieces I/c towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | 8122.40 | Each | 113714 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| ii | 13 | 3/4" dia | 271.92 | Each | 3535 |
| iii | 7 | $1^{\prime \prime}$ dia | 365.42 | Each | 2558 |
| 21 | 0 | P/F in position fiber glass tank with approved design and wall thickness as specified I/c cost of nuts polts and fixinf in plate forum of c.c I:3:6 and makng connections for inlate out late and over flow inlate out flow pipes etc complete (Si No:3 P-No: 18 | . |  |  |
| ii | 20 | 250 Gallon | 21989.61 | Each | 439792 |
| 22 | 10 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime}$ dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 2015 |
| 23 | 12 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock, Standard Pattern | 337.92 | Each | 4055 |
| 24 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| I | 0 | $1 / 2^{\prime \prime}$ dia |  |  |  |
| ii | 0 | 3/4" dia | 271.92 | Each | 0 |
| 25 | 630 | Boring for Tube Well | 160.00 | Each | 100800 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 5 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of $\mathrm{BB}^{\prime}$ in cement motor $1: 3$ cement plaster 1:3, $1 / 2^{\prime}$ thick inside of walls and $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing Cl manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ $(457 \times 457 \mathrm{~mm})$ of 1.75 Cwt . ( 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 73740 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixingg in trench $i / c$ cutting fitting and jointing with " Z " joint with one rubber Ring $\mathrm{i} / \mathrm{c}$ testing with water to head of 122 metere or 400 ft . (S.I.No:3 Page No:23) |  |  |  |
|  | 200 | 3"dia | 137.00 | Each | 27400 |
|  | 200 | 4'"dia | 226.00 | Each | 45200 |
|  |  |  | TO |  | 1476779 |
| Amount Total (CSR) |  |  |  |  |  |
| Part "A" |  | \% Above / Below | Total Amount |  |  |
| Part "B" |  | \% Above / Below | Total Amount |  |  |

Total "A + B"
NON SCHEDULE ITEMS


1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=$ TOTAL $(\mathrm{A})+$ TOTAL $(\mathrm{B})$

CONTRACTOR


## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

## NIT No. EE/EWD/TC/ 1018

Dated: 21.02.2018
(a) Name of Procuring Agency

Executive Engineer, Education Works Division Sukkur
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)

90 Days
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(7.50\% Income Tax) \& (5\% Security Deposit)
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
13.03.2018 at 02:00 PM
(k) Time for completion from written order of commences

04 Months
(L) Liquidity Demages

REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GBPS NEW YARD, GGPS NEW YARD, GBPS GHULAM GOTH, GBPS SACHAL PUR KANDHRA, GBPS ROHRI MAIN PRIMARY SCHOOL, GBPS PATHAN COLONY, GBPS ALLHYAR CHACHAR, GBPS KALRI TALUKA ROHRI. (PACKAGE NO. 7)

Near Shikarpur Phatak Golimar Road Sukkur
32671000
5\% on Bid

10\%
12.03.2018 at 01:00 PM
$\qquad$
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(o) Tender Issued to (Mr. / M/S)


## BILL OF QUANTITIES

## Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY / ELEMENTARY SCHOOLS @ GBPS NEW YARD, GGPS NEW YARD, GBPS GHULAM GOTH, GBPS SACHAL PUR KANDHRA, GBPS ROHRI MAIN PRIMARY SCHOOL, GBPS PATHAN COLONY, GBPS ALLHYAR CHACHAR, GBPS KALRI TALUKA ROHRI. (PACKAGE NO. 7)

| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 5621 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \%Cft | 306063 |
| 2 | 8037 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 103326 |
| 3 | 4162 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 15738 |
| 4 | 1439 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \%Cft | 18805 |
| 5 | 9254 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \%Cft | 11197 |
| 6 | 0 | Removing doors with chowkats (C.S.I No:33 (a) P-12). Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 0 |
| 7 | 0 |  | 102.85 | Each | 0 |
| 8 | 6662 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 21160 |
| 9 | 2124 | Cement concrete brick or stone ballast 11/2" to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 200002 |
| 10 | 2256 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | $\begin{gathered} 8694.95 \\ \hline \end{gathered}$ | \%Cft | 196158 |
| 11 | 7880 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 941531 |
| 12 | 3905 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ guage.(C.S.L No:6 A (1) P.17). | 337.00 | P.Cft | 1315985 |
| 13 | 0 | First Floor | 349.10 | P.Cft | 0 |
| 14 | 201 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 1005382 |
| 15 | 1091 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26) | 1141.25 | \%Cft | 12451 |
| 16 | 3133 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 4739 |
| 17 | 44311 |  | 3630.00 | \%0Cft | 160849 |
| 18 | 43223 | Extra Lead for one Mile | 579.41 | \%Cft | 250438 |
| 19 | 16585 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 2102043 |
| 20 | 0 | First Floor | 13112.86 | \%Cft | 0 |
| 21 | 3318 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario $1: 4$ (C.S.I No: 11 (c) Page No: 52). | 12346.65 | \%Cft | 409662 |
| 22 | 5078 |  | 660.00 | \%Sft | 33515 |
| 23 | 0 |  | 3015.76 | \%Sft | 0 |
| 24 | 63253 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 1395741 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 63877 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 1403710 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 17084 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 219946 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 1439 | Providing and fixing G.I frames /Chowkates $77^{\prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for door using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | $228.90$ | P.Rft | 329387 |
| 28 | 861 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio 1:6 and reparing the janbs. Cost also $\mathrm{i} / \mathrm{c}$ all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 207071 |
| 29 | 970 | Suppling and fixing in position iron steel grill of $3 / 4^{\prime \prime} \times 1 / 4^{\prime \prime}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 175085 |
| 30 | 1828 | First class deodar wood wrought joinery in doors and windos etcfied inosition $\mathrm{I} / \mathrm{c}$ in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4^{\prime \prime}$ only shutter (C.S.I No:7 (b) P.58). | 902.93 | P.Sft | 1650556 |
| 31 | 3665 | Providing and lying $2^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Sft | 120047 |
| 32 | 1716 | Two coats of bitumen laid hot using 34 "Lbs for 100 sft over roof and blinded with sand at 1 Sfft per 100 sft (C.S.I No:13 P.35). | 1887.40 | \%Sft | 32388 |
| 33 | 281 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 1080499 |
| 34 | 244 | S/F T.Iron at Site of Work | 3575.00 | P.Cwt | 872389 |
| 35 | 528 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 98263 |
| 36 | 5389 | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with34 Lbs. Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 11 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including 1:2 cement pointing underside of tiles complete including curing etc. (C.S.I No:1 P.33). | 11443.11 | \%Sft | 616669 |
| 37 | 10372 | 2nd class tiles roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with leaping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12 " $\times 6$ " $\times 2$ "tiles laid in 1 " 6 cement mortor including $1: 2$ cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | 7607.25 | \%Sft | 789024 |
| 38 | 100 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 7040 |
| 39 | 1995 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16) | 14429.25 | \%Cft | 287864 |
| 40 | 3174 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No:60 P-47). | 30509.77 | \%Sft | 968380 |
| 41 | 0 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} 1 / \mathrm{c}$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also I/c locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 0 |
| 42 | 0 | Providing and laying cement ornamental cement jalli 2" thick 1:2:4 without steel (C.S.I No:11 P.18). | 226.02 | P.Sft | 0 |
| 43 | 864 | Notice board made with cement (C.S.I No:1 P.95). | 58.11 | P.Sft | 50207 |
| 44 | 83 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P.18). | 261.25 | Each | 21684 |
| 45 | 16768 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%Sft | 139166 |
| 46 | 33153 | Primary coat of chalk under destember (C.S.1 No:23 P-54). | 442.75 | \%Sft | 146785 |
| 47 | 71825 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 775459 |
| 48 | 18593 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 (c) P. No. 56) | 2567.95 | \%Sft | 477459 |
| 49 | 6902 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 146075 |
| 50 | 11167 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 141914 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 6031 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 1122007 |
| 52 | 12721 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 2849122 |
| 53 | 3200 | Laying floor of approved with glazed tile $1 / 4^{\prime \prime}$ thick in white cement $1: 2$ over 3/4: thick cement mortor 1:2 complete (C.S.I No:24 P-43). | 27678.68 | \%Sft | 885718 |
| 54 | 0 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor $3 / 4$ " thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 0 |
| 55 | 0 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 0 |
| 56 | 90 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 160065 |
| 57 | 100 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42). | 4411.82 | \%Sft | 4412 |
| 58 | 320 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 10008 |
| 59 | 880 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 197094 |
| 60 | 100 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 72672 |
| 61 | 0 | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 0 |
| 62 | 0 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). | 75.63 | \%Sft | 0 |
| 63 | 96 | P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes $1: 2$ gra $y$ cement mortor $3 / 4^{\prime \prime}$ thick I/c washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: 61 P-48) | $47651.56$ | \%Sft | 45745 |
| 64 | 15066 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 (c) P. No. 56) | 1328.13 | \%Sft | 200096 |
|  |  |  | TOTAL :- |  | 24808788 |
|  |  | PART "B" |  |  |  |
| 1 | 24 | Providing \& fixing squating type white glazed of flushe cisten with internal fitting\&flush pippe with bend and making requesite numbers of holes in wall plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C not less than $19^{\prime \prime}$ clear opening between flushing rims and 3 gallons flushing tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) | 4802.60 | Each | 115262 |
| 2 | 23 | Providing \& fixing $24^{\prime \prime} \times 18^{\prime \prime}$ lavatory basin in white glazed earthen ware complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain 1-1/4" dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth \& floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (S.I No:8 P-No:3). | 4253.70 | Each | 97835 |
| 3 | 21 | Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3). . | 938.47 | Each | 19708 |
| 4 | 12 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to match colour of the building. | 270.60 | Each | 3247 |
| 5 | 44 | P/F in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with pair of brass nuts and lining joints to nyloon connection No:23 P-No:6). | 447.15 | Each | 19675 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 25 | P/F $6^{\prime \prime} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{\prime \prime}$ thick 1:2:4 c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb $c . I$ caning $6^{\prime \prime} \times 6^{\prime \prime}$ and $c . I$ cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete <br> (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 29829 |
| 7 | 2 | P/F $4^{\prime \prime}$ dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:1 P-No:9). | 333.29 | Each | 667 |
| 8 | 0 | RCC pipe with colar class " B " and didding the traches to the required depth an fixing in positin $\mathrm{I} / \mathrm{c}$ cutting fitting and jointing with max phalt composition and cemen mortor $1: 1$ and testing with water presure to head of 4 Ft aboe the top of the heigh |  |  |  |
|  | 370 | 4"dia | 146.57 | P.Rft | 54231 |
|  | 390 | 6"dia | 199.25 | P.Rft | 77708 |
| 9 | 72 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& $\mathrm{I} / \mathrm{c}$ making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No.3). | 2042.43 | Each | 147055 |
| 10 | 8 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and I/c the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12) |  |  |  |
| I | 1530 | 1/2"dia | 73.21 | P.Rft | 112011 |
| ii | 1285 | 3/4"dia | 95.79 | P.Rft | 123090 |
| iii | 810 | 1"dia | 128.55 | P.Rft | 104126 |
| iv | 225 | $11 / 2^{\prime \prime}$ dia | 153.19 | P.Rft | 34468 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete |  |  |  |
|  | 550 | $1 / 2^{\prime \prime}$ dia | 7.82 | P.Rft | 4301 |
|  | 300 | 3/4" dia | 8.45 | P.Rft | 2535 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 22 | 1/2"dia | 161.92 | Each | 3562 |
|  | 26 | 3/4 dia | 227.92 | Each | 5926 |
| 13 | 12 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. $1 / 2^{\prime \prime}$ dia. | 877.80 | Each | 10534 |
| 14 | 12 | S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia. | 889.46 | Each | 10674 |
| 15 | 50 | S/F concelled stop cock of superior quality with crystal head head $1 / 2^{\prime \prime}$ dia (S.I No:11 (b) P-No:18). | 478.28 | Each | 23914 |
| 16 | 16 | S/F long bib cock of crystal head with c.p head1/2" dia (S.I No:13 (b) PNo:19). | 1109.46 | Each | 17751 |
| 17 | 6 | S./F wash been mixture of superior quality with c.p head $1 / 2^{\prime \prime}$ dia with crystal head <br> (S.I No:16 (b) P-No:15). | 2882.00 | Each | 17292 |
| 18 | 6 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 4772 |
| 19 | 10 | Supplying \& fixing Bath room accessories set (7 pieces I/c towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | 8122.40 | Each | 81224 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| ii | 11 | 3/4" dia | 271.92 | Each | 2991 |
| iii | 6 | $1^{\prime \prime}$ dia | 365.42 | Each | 2193 |
| 21 | 0 | $\mathrm{P} / \mathrm{F}$ in position fiber glass tank with approved design and wall thickness as specified I/c cost of nuts polts and fixinf in plate forum of c.c I:3:6 and makng connections for inlate out late and over flow inlate out flow pipes etc complete (Si No:3 P-No: 18 |  |  |  |
| ii | 16 | 250 Gallon | 21989.61 | Each | 351834 |
| 22 | 11 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime}$ dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 2217 |
| 23 | 12 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock , Standard Pattern | 337.92 | Each | 4055 |
| 24 | 2 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| 1 | 0 | $1 / 2^{\prime \prime}$ dia |  |  |  |
| ii | 0 | 3/4" dia | 271.92 | Each | 0 |
| 25 | 575 | Boring for Tube Well | 160.00 | Each | 92000 |



Amount Total (CSR)
Part "A"

Part "B"
\% Above / Below $\qquad$
\% Above / Below $\qquad$

Total Amount

Total Amount

Total "A + B"
NON SCHEDULE ITEMS

| 1 | 8596 | Providing \& laying floor of Verona marble tiles of size $12^{\prime \prime} \times 12^{\prime \prime} \times 1 / 4^{\prime \prime}$ fine dressed on the surface without winding set in white cement laid over $3 / 4$ " thick bed of $1: 2$ grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of titles, including curring, grinding, rubbing and chemical polishing etc, complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. | P.Sft |  |
| :---: | :---: | :---: | :---: | :---: |
| 2 | 5 | S/F Chiiler for Cold water i/c Stablizer | Each |  |
| 3 | 2 | P/F piston pump set $1 \mathrm{H} . \mathrm{P}$ single phase 220 valts with $1 / 1 / 4^{\prime \prime} \times 1 / 1 / 4^{\text {" }}$ suction and delivery (Local made ) (Electric) | Each |  |
|  |  |  | TOTAL :- |  |

1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=\operatorname{TOTAL}(\mathrm{A})+\operatorname{TOTAL}(\mathrm{B})$

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

## NIT No. EE/EWD/TC/ 1018

Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening

Executive Engineer, Education Works Division Sukkur

REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GBPS TRIMOONH, GBPS JHANGLE TUNIO, GBPS KANDRI, GGPS ALLAH WASAYO GḢUNIO ABELOI, GBPS ANBAH, GBPS BAKSH CHAJJAN, GBPS PIYARO KHAN LABANO, GGPS QAZI MUHALLA, GBPS HAKRA, GGLSS KOT MIR YAKOOB ALI SHAH, GBELS SYED AMJAD HUSSAIN SHAH MUSAVI TALUKA ROHRI. (PACKAGE NO. 8)

Near Shikarpur Phatak Golimar Road Sukkur
35726000
5\% on Bid
90 Days
10\%
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM
(k) Time for completion from written order of commences

04 Months
(L) Liquidity Demages
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(o) Tender Issued to (Mr. / M/S)


## BILL OF QUANTITIES


#### Abstract

NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY / ELEMENTARY SCHOOLS @ GBPS TRIMOONH, GBPS JHANGLE TUNIO, GBPS KANDRI, GGPS ALLAH WASAYO GHUNIO ABELOI, GBPS ANBAH, GBPS BAKSH CHAJJAN, GBPS PIYARO KHAN LABANO, GGPS QAZI MUHALLA, GBPS HAKRA, GGLSS KOT MIR YAKOOB ALI SHAH, GBELS SYED AMJAD HUSSAIN SHAH MUSAVI TALUKA ROHRI. (PACKAGE NO. 8)


| $\begin{aligned} & \hline \text { Item } \\ & \text { No. } \end{aligned}$ | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 5460 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \%Cft | 297297 |
| 2 | 8255 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 106129 |
| 3 | 1402 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%St | 5301 |
| 4 | 2611 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \%Cft | 34121 |
| 5 | 15866 | Removing cement or lime plaster (C.S.I No:53 P-13). <br> Removing doors with chowkats (C.S.I No:33 (a) P-12). <br> Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 121.00 | \%Cft | 19198 |
| 6 | 0 |  | 142.18 | Each | 0 |
| 7 | 0 |  | 102.85 | Each | 0 |
| 8 | 12975 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 41212 |
| 9 | 540 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | $9416.28$ | \% Cft | 50848 |
| 10 | 3607 | Cement concrete brick or stone ballast 11/2" to 2" guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 313627 |
| 11 | 11399 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 1361994 |
| 12 | 4125 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and wishing of shingle) (a) RC work in slabe bams columns rafts lintels and other washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (1)Ratio (1:2:4) 90 Lbs cement 2 Cf . sand 4 Cft . shingle $1 / 8^{\text {" }}$ to $1 / 4^{\prime \prime}$ guage. (C.S. INo: 6 A(1) P17) | 337.00 | P.Cft | 1390125 |
| 13 | 0 | First Floor | 349.10 | P.Cft | 0 |
| 14 | 226 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 1132250 |
| 15 | 0 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 0 |
| 16 | 1602 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 2423 |
| 17 | 72119 |  | 3630.00 | \%0Cft | 261792 |
| 18 | 40869 | Extra Lead for one Mile | 579.41 | \%Cft | 236799 |
| 19 | 14014 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 1776185 |
| 20 | 0 |  | 13112.86 | \%Cft | 0 |
| 21 | 7938 |  | 12346.65 | \%Cft | 980077 |
| 22 | 9602 |  | 660.00 | \%Sft | 63373 |
| 23 | 0 |  | 3015.76 | \%Sft | - |
| 24 | 56780 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 1252907 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 50448 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 1108605 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 13179 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 169672 |


| item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 1032 | Providing and fixing G.I frames /Chowkates 7"2" or 41/2" $\times 3$ " for door using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 236225 |
| 28 | 400 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio 1:6 and reparing the janbs. Cost also $\mathrm{i} / \mathrm{c}$ all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 96200 |
| 29 | 347 | Suppling and fixing in position iron steel grill of $3 / 4^{\prime \prime} \times 1 / 4^{\prime \prime}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 62634 |
| 30 | 1899 | First class deodar wood wrought joinery in doors and windos etcfied inosition $\mathrm{I} / \mathrm{c}$ in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4$ "only shutter (C.S.I No: 7 (b) P. 58 ). | 902.93 | P.Sft | 1714664 |
| 31 | 2679 | Providing and lying $2^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Sft | 87751 |
| 32 | 1716 | Two coats of bitumen laid hot using 34"Lbs for 100sft over roof and blinded with sand at 1 Sft per 100 sft (C.S.I No: 13 P.35). | 1887.40 | \%Sft | 32388 |
| 33 | 216 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 831966 |
| 34 | 176 | S/F T.Iron at Site of Work | 3575.00 | P.Cwt | 628338 |
| 35 | 905 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 168339 |
| 36 | 0 | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 Lbs . Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 1 \quad 1 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of 1:6 cement mortar including 1:2 cement pointing underside of tiles complete including curing etc. (C.S.I No:1 P.33). | 11443.11 | \%Sft | 0 |
| 37 | 11139 | 2nd class tiles roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with leaping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12 "x6"x2"tiles laid in 1 " 6 cement mortor including $1: 2$ cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | 7607.25 | \%Sft | 847372 |
| 38 | 949 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 66810 |
| 39 | 3441 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16) | 14429.25 | \%Cft | 496510 |
| 40 | 3715 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No:60 P-47). | 30509.77 | \%Sft | 1133438 |
| 41 | 0 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ x $5 / 16^{\prime \prime}$ at $4^{\prime \prime} I / c$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also I/c locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 0 |
| 42 | 0 | Providing and laying cement ornamental cement jalli 2" thick 1:2:4 without steel (C.S.I No:11 P.18). | 226.02 | P.Sft | 0 |
| 43 | 704 | Notice board made with cement (C.S.I No:1 P.95). | 58.11 | P.Sft | 40909 |
| 44 | 74 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P.18). | 261.25 | Each | 19333 |
| 45 | 19615 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%Sft | 162795 |
| 46 | 17466 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 77331 |
| 47 | 70410 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 760182 |
| 48 | 6576 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 (c) P. No. 56) | 2567.95 | \%Sft | 168868 |
| 49 | 7074 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 149715 |
| 50 | 8952 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 113765 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 4060 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 755322 |
| 52 | 7248 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city $/$ guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 1623335 |
| 53 | 240 | Laying floor of approved with glazed tile $1 / 4^{\prime \prime}$ thick in white cement $1: 2$ over 3/4: thick cement mortor $1: 2$ complete (C.S.I No:24 P-43). | $\begin{array}{r} 27678.68 \\ \hline \end{array}$ | \%Sft | 66429 |
| 54 | 0 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor $3 / 4$ " thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 0 |
| 55 | 6576 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 56547 |
| 56 | 0 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 0 |
| 57 | 309 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42). | 4411.82 | \%Sft | 13633 |
| 58 | 822 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 25707 |
| 59 | 9873 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 2211256 |
| 60 | 196 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 142437 |
| 61 | 6584 | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 349633 |
| 62 | 0 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). | 75.63 | \%Sft | 0 |
| 63 | 96 | P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes $1: 2$ gra $y$ cement mortor $3 / 4^{\prime \prime}$ thick $\mathrm{I} / \mathrm{c}$ washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: 61 P-48 ) | 47651.56 | \%Sft | 45745 |
| 64 | 9754 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 (c) P. No. 56) | 1328.13 | \%Sft | 129546 |
|  |  |  | TOTAL :- |  | 23919055 |


| 1 | 40 | Providing \& fixing squating type white glazed of flushe cisten with internal <br> fitting\&flush pippe with bend and making requesite numbers of holes in wall <br> plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C <br> not less than 19" clear opening between flushing rims and 3 gallons flushing <br> tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) |
| :---: | :---: | :--- |
| 2 | 40 | Providing \& fixing 24" x 18 lavatory basin in white glazed earthen ware <br> complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into <br> wall, painted white in two coast after a primary coat of red lead paint, a pair of <br> $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain 1-1/4" dia malloable iron or c.P <br> brass traps malloable iron or brass unions and making requisite number of holes <br> in walls, plinth \& floor for pipe connection and making good in cement concrete <br> $1: 2: 4$ (Standard pattern). (S.I No:8 P-No:3). |
| 3 | 40 | Add: extra labour for providing and fixing of earthen wire padestle whiute or <br> colored glass standared pattern (S.I No:9 P-No:3). |
| 4 | 22 | Providing \& fixing 4" x 4" x4" dia. C.I branchen of the required degree with <br> access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to <br> match colour of the building. |
| 5 | 76 | P/F in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with <br> pair of brass nuts and lining joints to nyloon connection <br> No:23 P-No:6). |


| 4802.60 | Each | 192104 |
| :---: | :---: | :---: |
| 4253.70 | Each | 170148 |
| 938.47 | Each | 37539 |
| 270.60 | Each | 5953 |
| 447.15 | Each | 33983 |


| Item <br> No. | Quantities | $\quad$ Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :--- | :--- | :--- | :---: |
| 6 | 40 | P/F 6" x 4" c.c gully trap with 4" dia out let complte with 4" thick 1:2:4 c.c for <br> bed and 1/2" thick cement plaster 1:3 to the karb c.I caning 6" x $6^{\prime \prime}$ and c.I cover <br> (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 47727 |
| and frame 12" x 12" in side etc complete |  |  |  |  |  |


| lfem <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 5 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of $B B$ in cement motor $1: 3$ cement plaster 1:3, $1 / 2^{\prime}$ thick inside of walls and $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing CI manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ $(457 \times 457 \mathrm{~mm})$ of 1.75 Cwt ( 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $I^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 73740 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixinbg in trench $i / c$ cutting fitting and jointing with " $Z$ " joint with one rubber Ring $\mathrm{i} / \mathrm{c}$ testing with water to head of 122 metere or 400 ft . (S.I.No:3 Page No:23) |  |  |  |
|  | 550 | 3"dia | 137.00 | Each | 75350 |
|  | 550 | $4^{\prime \prime \prime}$ dia | 226.00 | Each | 124300 |
|  |  |  | - TOTAL :- |  | 2912789 |

Amount Total (CSR)
Part "A"

Part "B"
\% Above / Below $\qquad$
\% Above / Below $\qquad$

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018
Dated: 21.02.2018
(a) Name of Procuring Agency

Executive Engineer, Education Works Division Sukkur
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)

90 Days
(g) Security Deposit (i/c bid Security)

10\%
(h) Percentage, if any, to be deducted from bills
(7.50\% Income Tax) \& (5\% Security Deposit)
(i) Deadline for submission of bids along with time
12.03.2018 at 01:00 PM
(j) Venue, Time and Date of Bid Opening
13.03.2018 at 02:00 PM
(k) Time for completion from written order of commences

04 Months
(L) Liquidity Demages
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(o) Tender Issued to (Mr. / M/S)


## BILL OF QUANTITIES

## Discription and Rate of Items based on Composite Schedule of Rates


#### Abstract

NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GBPS SUKPUL, GBELS MARI UP GRADE ELEMENTARY, GBPS GURGAGE MOHALLA, GBPS BAKSH KATPAR, GBPS MEHDI ABAD, GBPS MENDI JO PIR TALUKA ROHRI. (PACKAGE NO. 9)


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 7243 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \%Cft | 394381 |
| 2 | 12174 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 156513 |
| 3 | 1234 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 4666 |
| 4 | 2725 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \%Cft | 35610 |
| 5 | 7621 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \%Cft | 9221 |
| 6 | 2803 | Removing doors with chowkats (C.S.I No:33 (a) P-12). <br> Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 398531 |
| 7 | 2696 |  | 102.85 | Each | 277284 |
| 8 | 5774 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 18340 |
| 9 | 192 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 18079 |
| 10 | 1248 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 108513 |
| 11 | 7837 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P. 21 ). | 11948.36 | \%Cft | 936393 |
| 12 | 5620 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ quage.(C.S.L No:6A (1) P.17). | 337.00 | P.Cft | 1893940 |
| 13 | 0 | First Floor | 349.10 | P.Cft | 0 |
| 14 | 301 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 1505869 |
| 15 | 267 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 3047 |
| 16 | 1068 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 1615 |
| 17 | 32632 |  | 3630.00 | \%0Cft | 118454 |
| 18 | 726 | Extra Lead for one Mile | 579.41 | \%Cft | 4207 |
| 19 | 13685 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | $\% \mathrm{Cft}$ | 1734486 |
| 20 | 3620 | First Floor | 13112.86 | \%Cft | 474686 |
| 21 | 8327 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: <br> 52). | 12346.65 | \%Cft | 1028106 |
| 22 | 11280 |  | 660.00 | \%Sft | 74448 |
| 23 | 4326 |  | 3015.76 | \%Sft | 130462 |
| 24 | 48252 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 1064729 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 47796 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 1050327 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 14908 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53 ) | 1287.44 | \%Sft | 191932 |


| $\begin{aligned} & \text { Item } \\ & \text { No. } \\ & \hline \end{aligned}$ | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 810 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for door using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 185409 |
| 28 | 394 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio 1:6 and reparing the janbs. Cost also $\mathrm{i} / \mathrm{c}$ all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 94757 |
| 29 | 180 | Suppling and fixing in position iron steel grill of $3 / 4^{\prime \prime} \times 1 / 4^{\prime \prime}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 32490 |
| 30 | 1016 | First class deodar wood wrought joinery in doors and windos etcfied inosition $\mathrm{I} / \mathrm{c}$ in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4$ "only shutter (C.S.I No:7 (b) P.58). | 902.93 | P.Sft | 917377 |
| 31 | 642 | Providing and lying $2^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Sft | 21029 |
| 32 | 0 | Two coats of bitumen laid hot using 34"Lbs for 100sft over roof and blinded with sand at 1 Sft per 100 sft (C.S.I No:13 P.35). | 1887.40 | \%Sft | 0 |
| 33 | 177 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 679771 |
| 34 | 147 | S/F T.Iron at Site of Work | 3575.00 | P.Cwt | 527309 |
| 35 | 327 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 60862 |
| 36 | 0 | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 Lbs. Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 11 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of 1:6 cement mortar including 1:2 cement pointing underside of tiles complete including curing etc. (C.S.I No:1 P.33). | 11443.11 | \%Sft | ${ }^{0}$ |
| 37 | 8357 | 2nd class tiles roofing consisting of 4"earth and 1" mud plaster with leaping over $1 / 2^{\prime \prime}$ thick cement plaster 1:6 with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12 " $\times 6$ "x2"tiles laid in 1 " 6 cement mortor including $1: 2$ cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | 7607.25 | \%Sft | 635738 |
| 38 | 547 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 38509 |
| 39 | 2541 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16) | 14429.25 | \%Cft | 366647 |
| 40 | 2222 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No:60 P-47). | 30509.77 | \%Sft | 677927 |
| ${ }^{41}$ | 0 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} 1 / \mathrm{c}$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also I/c locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 0 |
| 42 | 0 | Providing and laying cement ornamental cement jalli 2" thick 1:2:4 without steel (C.S.I No.11 P. 18) (C.S.I No:11 P.18). | 226.02 | P.Sft | 0 |
| 43 | 384 | Notice board made with cement (C.S.I No:1 P.95). | 58.11 | P.Sft | 22314 |
| 44 | 51 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No: 14 P. 18 ). | 261.25 | Each | 13324 |
| 45 | 11999 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%Sft | 99586 |
| 46 | 17656 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 78172 |
| 47 | 59881 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 646505 |
| 48 | 2622 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 (c) P. No. 56) | 2567.95 | \%Sft | 67332 |
| 49 | 4560 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 96508 |
| 50 | 8962 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 113892 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 2723 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 506587 |
| 52 | 5028 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | $223.97$ | P.Sft | 1126121 |
| 53 | 500 | Laying floor of approved with glazed tile $1 / 4^{\prime \prime}$ thick in white cement $1: 2$ over 3/4: thick cement mortor $1: 2$ complete (C.S.I No:24 P-43). | 27678.68 | \%Sft | 138393 |
| 54 | 1480 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor $3 / 4$ "thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 418152 |
| 55 | 1456 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 12520 |
| 56 | 580 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 1031530 |
| 57 | 2920 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42) . | 4411.82 | \%Sft | 128825 |
| 58 | 547 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 17107 |
| 59 | 0 | $\mathrm{P} / \mathrm{F}$ Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength $\mathrm{b} / \mathrm{w} 5000 \mathrm{psi}$ to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 0 |
| 60 | 148 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 107555 |
| 61 | 4186 | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 222291 |
| 62 | 8126 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). | 75.63 | \%Sft | 6146 |
| 63 | 1280 | P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes $1: 2$ gra $y$ cement mortor $3 / 4^{\prime \prime}$ thick $\mathrm{I} / \mathrm{c}$ washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: 61 P-48) | 47651.56 | \%Sft | 609940 |
| 64 | 39983 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 (c) P. No. 56) | 1328.13 | \%Sft | 531026 |
|  |  |  | TOTAL :- |  | 21865487 |
|  |  | PART "B" |  |  |  |
| 1 | 40 | Providing \& fixing squating type white glazed of flushe cisten with internal fitting\&flush pippe with bend and making requesite numbers of holes in wall plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C not less than 19" clear opening between flushing rims and 3 gallons flushing tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) | 4802.60 | Each | 192104 |
| 2 | 40 | Providing \& fixing $24^{\prime \prime} \times 18^{\prime \prime}$ lavatory basin in white glazed earthen ware complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain $1-1 / 4^{\prime \prime}$ dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth \& floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (S.I No:8 P-No:3). | 4253.70 | Each | 170148 |
| 3 | 38 | Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3). . | 938.47 | Each | 35662 |
| 4 | 18 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to match colour of the building. | 270.60 | Each | 4871 |
| 5 | 80 | $\mathrm{P} / \mathrm{F}$ in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with pair of brass nuts and lining joints to nyloon connection No:23 P-No:6). | 447.15 | Each | 35772 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 40 | P/F $6^{\prime \prime} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{\prime \prime}$ thick 1:2:4 c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb c.I caning $6^{\prime \prime} \times 6^{\prime \prime}$ and c.I cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 47727 |
| 7 | 0 | P/F 4"dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:1 P-No:9). | 333.29 | Each | 0 |
| 8 | 0 | RCC pipe with colar class " B " and didding the traches to the required depth an fixing in positin $1 / \mathrm{c}$ cutting fitting and jointing with max phalt composition and cemen mortor $1: 1$ and testing with water presure to head of 4 Ft aboe the top of the heigh |  |  |  |
|  | 730 | 4"dia | 146.57 | P.Rft | 106996 |
|  | 730 | 6"dia | 199.25 | P.Rft | 145453 |
| 9 | 94 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& I/c making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No.3). | 2042.43 | Each | 191988 |
| 10 | 0 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and I/c the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12) | * |  |  |
| I | 2720 | 1/2"dia | 73.21 | P.Rft | 199131 |
| ii | 1967 | 3/4"dia | 95.79 | P.Rft | 188419 |
| iii | 1185 | 1 "dia | 128.55 | P.Rft | 152332 |
| iv | 220 | $11 / 2^{\prime \prime}$ dia | 153.19 | P.Rft | 33702 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete |  |  |  |
|  | 1100 | $1 / 2^{\prime \prime} \mathrm{dia}$ | 7.82 | P.Rft | 8602 |
|  | 550 | 3/4" dia | 8.45 | P.Rft | 4648 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 40 | 1/2"dia | 161.92 | Each | 6477 |
|  | 45 | 3/4 dia | 227.92 | Each | 10256 |
| 13 | 18 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. 1/2" dia. | 877.80 | Each | 15800 |
| 14 | 18 | S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia. | 889.46 | Each | 16010 |
| 15 | 80 | S/F concelled stop cock of superior quality with crystal head head $1 / 2^{\prime \prime}$ dia (S.I No:11 (b) P-No:18). | 478.28 | Each | 38262 |
| 16 | 22 | S/F long bib cock of crystal head with c.p head1/2" dia (S.I No:13 (b) PNo:19). | 1109.46 | Each | 24408 |
| 17 | 11 | S./F wash been mixture of superior quality with c.p head $1 / 2^{\prime \prime}$ dia with crystal head (S.I No:16 (b) P-No:15). | 2882.00 | Each | 31702 |
| 18 | 11 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 8748 |
| 19 | 22 | Supplying \& fixing Bath room accessories set (7 pieces I/c towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | 8122.40 | Each | 178693 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| ii | 20 | $3 / 4^{\prime \prime}$ dia | 271.92 | Each | 5438 |
| iii | 11 | $1^{\prime \prime}$ dia | 365.42 | Each | 4020 |
| 21 | 0 | $\mathrm{P} / \mathrm{F}$ in position fiber glass tank with approved design and wall thickness as specified $\mathrm{I} / \mathrm{c}$ cost of nuts polts and fixinf in plate forum of c.c I:3:6 and makng connections for inlate out late and over flow inlate out flow pipes etc complete (Si No:3 P-No: 18 |  |  |  |
| ii | 31 | 250 Gallon | 21989.61 | Each | 681678 |
| 22 | 18 | Providing \& fixing 4" x 4" dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 3627 |
| 23 | 18 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock , Standard Pattern | 337.92 | Each | 6083 |
| 24 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| I | 0 | 1/2" dia |  |  |  |
| ii | 0 | 3/4" dia | 271.92 | Each | 0 |
| 25 | 945 | Boring for Tube Well | 160.00 | Each | 151200 |


| Ltem <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 5 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of BB in cement motor $1: 3$ cement plaster 1:3, $1 / 2^{\prime}$ thick inside of walls and $I^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing Cl manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ $(457 \times 457 \mathrm{~mm})$ of $1.75 \mathrm{Cwt} .(88.9 \mathrm{Kg})$ embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 73740 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixingg in trench $i / c$ cutting fitting and jointing with " Z " joint with one rubber Ring $\mathrm{i} / \mathrm{c}$ testing with water to head of 122 metere or 400 ft . (S.I. No:3 Page No:23) | - |  |  |
|  | 450 | 3"dia | 137.00 | Each | 61650 |
|  | 450 | $4^{\text {'"dia }}$ | 226.00 | Each | 101700 |
|  TOTAL:- 2937047 |  |  |  |  |  |

Amount Total (CSR)
Part "A"
\% Above / Below $\qquad$ Total Amount

Total Amount

Total "A+B"

## NON SCHEDULE ITEMS

| 1 | 8596 | Providing \& laying floor of Verona marble tiles of size $12^{\prime \prime} \times 12^{\prime \prime} \times 3 / 4$ fine <br> dressed on the surface without winding set in white cement laid over 3 / "" <br> thick bed of $1: 2$ grey cement mortar setting the tiles with grey cement slurry, <br> jointing and washing the tiles with slurry of white cement and pigment to match <br> the colour of titles, including curring, grinding, rubbing and chemical polishing <br> etc, complete i/c cutting tiles to proper profile. | - | P.Sft |  |
| :---: | :---: | :--- | :---: | :---: | :---: |
| 2 | 5 | S/F Chiiler for Cold water i/c Stablizer |  | Each |  |
| 3 | 2 | P/F piston pump set 1 H.P single phase 220 valts with $1 / 1 / 4^{\prime \prime} \times 1 / 1 / 4^{\prime \prime}$ suction <br> and delivery (Local made) (Electric) | Each |  |  |

1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=$ TOTAL $(\mathrm{A})+$ TOTAL $(B)$

## CONTRACTOR

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018 Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences
(L) Liquidity Demages

Executive Engineer, Education Works Division Sukkur

REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GBPS SALEH PAT (PORTION-II), GBPS KOT SIRAEKI, GBPS THUMMY TALUKA SALEH PAT. (PACKAGE 10)

Near Shikarpur Phatak Golimar Road Sukkur
19920000
5\% on Bid
90 Days
10\%
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM

04 Months
$-$ $\qquad$
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(0) Tender Issued to (Mr. / M/S)


## NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY / ELEMENTARY SCHOOLS @ GBPS SALEH PAT (PORTION-II), GBPS KOT SIRAEKI, GBPS THUMMY TALUKA SALEH PAT. (PACKAGE 10)

| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 5973 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \%Cft | 325230 |
| 2 | 11673 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 150072 |
| 3 | 0 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 0 |
| 4 | 4215 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \% Cft | 55082 |
| 5 | 8706 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \%Cft | 10534 |
| 6 | 0 | Removing doors with chowkats (C.S.I No:33 (a) P-12). Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 0 |
| 7 | 0 |  | 102.85 | Each | 0 |
| 8 | 16341 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | $3176.25$ | \%0Cft | 51903 |
| 9 | 96 | Cement concrete brick or stone ballast 11/2" to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 9040 |
| 10 | 3060 | Cement concrete brick or stone ballast 11/2" to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 266065 |
| 11 | 2517 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 300740 |
| 12 | 2428 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (1)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ quage. (C.S.J No:6 A (1) P. 17 ). | 337.00 | P.Cft | 818236 |
| 13 | 0 | First Floor | 349.10 | P.Cft | 0 |
| 14 | 116 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 577877 |
| 15 | 40548 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 462754 |
| 16 | 0 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 0 |
| 17 | 9690 |  | 3630.00 | \%0Cft | 35175 |
| 18 | 9825 | Extra Lead for one Mile | 579.41 | \%Cft | 56927 |
| 19 | 17505 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 2218647 |
| 20 | 0 | First Floor | 13112.86 | \%Cft | 0 |
| 21 | 0 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: 52). | 12346.65 | \%Cft | 0 |
| 22 | 8706 |  | 660.00 | \%Sft | 57460 |
| 23 | 8706 |  | 3015.76 | \%Sft | 262552 |
| 24 | 17618 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 388759 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 17618 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 387159 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 11238 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 144683 |


| Item <br> No. | Quantities | $\quad$ Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :--- | :--- | :--- | :--- |
| 27 | 717 | Providing and fixing G.I frames /Chowkates 7"2" or 41/2" x 3" for door using <br> 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast <br> filling with cenent sand slurry of ration 1:6 and reparing the jambs. Cost also i/c <br> all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 164121 |
| 28 | 1641 | Providing and fixing G.I frames /Chowkates 7"2" or 41/2" x 3" for windows <br> using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols <br> fast filling with cement sand slurry of ratio 1:6 and reparing the janbs. Cost also <br> i/c all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 394661 |
| 29 | 3138 | Suppling and fixing in position iron steel grill of 3/4"x 1/4" size flate iron of <br> approved design I/c painting three coats etccomplete weightg not less than 3.7 <br> lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | F |



| $\begin{aligned} & \text { Item } \\ & \text { No. } \end{aligned}$ | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 6 | P/F $6^{\prime \prime} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{\prime \prime}$ thick 1:2:4 c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb c.I caning $6^{\prime \prime} \times 6^{\prime \prime}$ and c.I cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete <br> (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 7159 |
| 7 | 0 | P/F 4"dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:1 P-No:9). | 333.29 | Each | 0 |
| 8 | 0 | RCC pipe with colar class " $B$ " and didding the traches to the required depth an fixing in positin I/c cutting fitting and jointing with max phalt composition and cemen mortor $1: 1$ and testing with water presure to head of 4 Ft aboe the top of the heigh |  |  |  |
|  | 150 | 4"dia | 146.57 | P.Rft | 21986 |
|  | 150 | 6"dia | 199.25 | P.Rft | 29888 |
| 9 | 6 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& I/c making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No.3). | 2042.43 | Each | 12255 |
| 10 | 0 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and $\mathrm{I} / \mathrm{c}$ the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. I Page No.12) |  |  |  |
| I | 540 | 1/2"dia | 73.21 | P.Rft | 39533 |
| ii | 360 | 3/4"dia | 95.79 | P.Rft | 34484 |
| iii | 285 | 1 "dia | 128.55 | P.Rft | 36637 |
| iv | 150 | $11 / 2^{\prime \prime}$ dia | 153.19 | P.Rft | 22979 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete |  |  |  |
|  | 150 | $1 / 2^{\prime \prime}$ dia | 7.82 | P.Rft | 1173 |
|  | 150 | $3 / 4^{\prime \prime}$ dia | 8.45 | P.Rft | 1268 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 18 | 1/2"dia | 161.92 | Each | 2915 |
|  | 18 | 3/4 dia | 227.92 | Each | 4103 |
| 13 | 0 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. $1 / 2^{\prime \prime}$ dia. | 877.80 | Each | 0 |
| 14 | 0 | S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia. | 889.46 | Each | 0 |
| 15 | 48 | S/F concelled stop cock of superior quality with crystal head head $1 / 2^{\prime \prime}$ dia (S.I No:11 (b) P-No:18). | 478.28 | Each | 22957 |
| 16 | 18 | S/F long bib cock of crystal head with c.p head1/2" dia (S.I No:13 (b) PNo:19). | 1109.46 | Each | 19970 |
| 17 | 12 | S./F wash been mixture of superior quality with $\mathrm{c} . \mathrm{p}$ head $1 / 2^{\text {" }}$ dia with crystal head <br> (S.I No:16 (b) P-No:15). | 2882.00 | Each | 34584 |
| 18 | 9 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 7158 |
| 19 | 0 | Supplying \& fixing Bath room accessories set ( 7 pieces I/c towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | 8122.40 | Each | 0 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| ii | 3 | 3/4" dia | 271.92 | Each | 816 |
| iii | 0 | $1^{\prime \prime}$ dia | 365.42 | Each | 0 |
| 21 | 0 | P/F in position fiber glass tank with approved design and wall thickness as specified I/c cost of nuts polts and fixinf in plate forum of c.c I:3:6 and makng connections for inlate out late and over flow inlate out flow pipes etc complete (Si No:3 P-No: 18 | - |  |  |
| ii | 3 | 250 Gallon | 21989.61 | Each | 65969 |
| 22 | 0 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime}$ dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 0 |
| 23 | 0 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock , Standard Pattern | 337.92 | Each | 0 |
| 24 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| I | 0 | 1/2" dia |  |  |  |
| ii | 0 | 3/4" dia | 271.92 | Each | 0 |
| 25 | 150 | Boring for Tube Well | 160.00 | Each | 24000 |


| Hem No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 5 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of BB in cement motor $1: 3$ cement plaster $1: 3,1 / 2^{\prime}$ thick inside of walls and $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing CI manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ $(457 \times 457 \mathrm{~mm})$ of 1.75 Cwt . 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 73740 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixingg in trench $i / c$ cutting fitting and jointing with " Z " joint with one rubber Ring $\mathrm{i} / \mathrm{c}$ testing with water to head of 122 metere or 400 f. (S.I.No:3 Page No:23) |  |  |  |
|  | 150 | 3"dia | 137.00 | Each | 20550 |
|  | 150 | $4^{\text {'"d }}$ dia | 226.00 | Each | 33900 |
|  |  |  | TOTAL :- |  | 583356 |

Amount Total (CSR)
Part "A"
\% Above / Below $\qquad$ Total Amount
\% Above / Below $\qquad$ Total Amount

Total " $\mathrm{A}+\mathrm{B}$ "
NON SCHEDULE ITEMS

| 1 | 5919 | Providing \& laying floor of Verona marble tiles of size $12^{\prime \prime} \times 12^{\prime \prime} \times 3 / 4$ " fine <br> dressed on the surface without winding set in white cement laid over $3 / 4 "$ <br> thick bed of $1: 2$ grey cement mortar setting the tiles with grey cement slurry <br> jointing and washing the tiles with slurry of white cement and pigment to mateh <br> the colour of titles, including curring, grinding, rubbing and chemical polishing <br> etc, complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. | $*$ | P.Sft |  |
| :--- | :---: | :--- | :--- | :--- | :--- |
| 2 | 3 | S/F Chiiler for Cold water $\mathrm{i} / \mathrm{c}$ Stablizer |  | Each |  |
| 3 | 3 | P/F piston pump set 1 H.P single phase 220 valts with $1 / 1 / 4^{\prime \prime} \times 1 / 1 / 4^{\prime \prime}$ suction <br> and delivery (Local made) (Electric) | Each |  |  |

## Cost of Bid

Amount
Position

1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=$ TOTAL $(\mathrm{A})+$ TOTAL $(\mathrm{B})$

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

## NIT No. EE/EWD/TC/ 1018 <br> Dated: 21.02.2018

(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM

04 Months
(L) Liquidity Demages
$-$
REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GBPS OLD BUDH, GBPS NEW BUDH, GGELS KORO KHAN KORAI, GBPS BHELLAR, GBELS BAKSHO SEELRO, GBPS DADLOI, GBELS PHULLANI TALUKA PANO AKIL. (PACKAGE 11)

Near Shikarpur Phatak Golimar Road Sukkur
31359000
5\% on Bid
90 Days
10\%
$\qquad$
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(o) Tender Issued to (Mr. / M/S)


## BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates


#### Abstract

NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GBPS OLD BUDH, GBPS NEW BUDH, GGELS KORO KHAN KORAI, GBPS BHELLAR, GBELS BAKSHO SEELRO, GBPS DADLOI, GBELS PHULLANI TALUKA PANO AKIL. (PACKAGE 11)


| Item <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :--- | :--- | :--- |


| 1 | 3498 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \% Cf | 190466 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | 6779 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \% Cf | 87153 |
| 3 | 5771 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 21822 |
| 4 | 2128 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \% Cf | 27809 |
| 5 | 11928 | Removing cement or lime plaster (C.S.I l ( S :53 P-13). | 121.00 | \% Cf | 14433 |
| 6 | 247 | Removing doors with chowkats (C.S.I No:33 (a) P-12). | 142.18 | Each | 35118 |
| 7 | 9 | Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 102.85 | Each | 926 |
| 8 | 20148 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 63995 |
| 9 | 10855 | Cement concrete brick or stone ballast 11/2" to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \% Cft | 1022137 |
| 10 | 4438 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 385882 |
| 11 | 18091 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Ct | 2161578 |
| 12 | 6612 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ guage (CS.I No:6 A (1) P17) | 337.00 | P.Cft | 2228244 |
| 13 | 1149 | First Floor | 349.10 | P.Cft | 401116 |
| 14 | 291 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 1453074 |
| 15 | 13220 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \% Cf | 150876 |
| 16 | 9255 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 13998 |
| 17 | 783 |  | 3630.00 | \%0Cft | 2842 |
| 18 | 2605 | Extra Lead for one Mile | 579.41 | \%Cft | 15094 |
| 19 | 13604 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 1724220 |
| 20 | 5766 | First Floor | 13112.86 | \%Ctt | 756088 |
| 21 | 4745 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: 52 ). | 12346.65 | \%Cft | 585849 |
| 22 | 7532 |  | 660.00 | \%Sft | 49711 |
| 23 | 6351 |  | 3015.76 | \%Sft | 191531 |
| 24 | 41052 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 905853 |
|  | 12766 | First Floor | 2309.10 | \%sft | 294780 |
| 25 | 40811 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 896830 |
|  | 19572 | First Floor | 2300.02 | \%Sft | 450160 |
| 26 | 19307 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 248566 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 650 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for door using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also $\mathrm{i} / \mathrm{c}$ all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 148785 |
| 28 | 303 | Providing and fixing G.I frames /Chowkates 7 " 2 " or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio, 1:6 and reparing the janbs. Cost also $\mathrm{i} / \mathrm{c}$ all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 72872 |
| 29 | 150 | Suppling and fixing in position iron steel grill of $3 / 4^{\text {" }} \times 1 / 4^{4}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 27075 |
| 30 | 928 | First class deodar wood wrought joinery in doors and windos etcfied inosition I/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4^{\text {"only }}$ shutter (C.S.I No:7 (b) P. 58 ). | 902.93 | P.Sft | 837919 |
| 31 | 3874 | Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Stt | 126893 |
| 32 | 2376 | Two coats of bitumen laid hot using 34 "Lbs for 100 sft over roof and blinded with sand at 1 Sft per 100sft (C.S.I No:13 P.35). | 1887.40 | \%Sft | 44845 |
| 33 | 184 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 706879 |
| 34 | 166 | S/F T.Iron at Site of Work | 3575.00 | P.Cwt | 592653 |
| 35 | 340 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 63310 |
| 36 | 8386 | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 Lbs . Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 11 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including $1: 2$ cement pointing underside of tiles complete including curing etc. (C.S.I No:1 P.33). | 11443.11 | \%Sft | 959628 |
| 37 | 1580 | 2nd class tiles roofing consisting of 4 "earth and 1 " mud plaster with leaping over $1 / 2^{\prime \prime}$ thick cement plaster 1:6 with 34 lbs of hot bitumen coating sand blinded provided over one layer of $12^{\prime \prime} \times 6^{\prime \prime} \times 2$ "tiles laid in 1"6 cement mortor including 1:2 cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | 7607.25 | \%Stt | 120195 |
| 38 | 1771 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 124678 |
| 39 | 2136 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. <br> (C.S.I No. 5 (f) Page No:16) | 14429.25 | \%Cft | 308209 |
| 40 | 2706 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\text {" thick including washing and }}$ filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile, (C.S. I No:60 P-47). | 30509.77 | \%Sft | 825594 |
| 41 | 558 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} I / c$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also I/c locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 215968 |
| 42 | 0 | Providing and laying cement ornamental cement jalli 2" thick 1:2:4 without steel (C.S.I No:11 P.18). | 226.02 | P.Sft | 0 |
| 43 | 568 | Notice board made with cement (C.S.I No:1 P.95). | 58.11 | P.Sft | 33006 |
| 44 | 427 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P.18). | 261.25 | Each | 111554 |
| 45 | 8433 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%Sft | 69990 |
| 46 | 32102 | Primary coat of chalk under destember (C.S.I I No:23 P-54). | 442.75 | \%Sft | 142132 |
| 47 | 53563 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 578293 |
| 48 | 28030 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 (c) P. No. 56) | 2567.95 | \%Sft | 719796 |
| 49 | 25288 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 535198 |
| 50 | 12993 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 165119 |


| $\begin{aligned} & \text { Item } \\ & \text { No. } \end{aligned}$ | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 3472 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (CSI No: 68 (i) P-49). | 186.04 | P.Sft | 645931 |
| 52 | 2423 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city guddra / cobble shape with pigmented having strength $\mathrm{b} / \mathrm{w} 5000 \mathrm{psi}$ to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 542679 |
| 53 | 555 | Laying floor of approved with glazed tile $1 / 4^{\prime \prime}$ thick in white cement 1:2 over 3/4: thick cement mortor 1:2 complete (C.S.I No:24 P-43). | 27678.68 | \%Sft | 153617 |
| 54 | 1653 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor $3 / 4$ " thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 467031 |
| 55 | 9956 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 85612 |
| 56 | 275 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 489088 |
| 57 | 4664 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42). | 4411.82 | \%Sft | 205767 |
| 58 | 1045 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 32681 |
| 59 | 3367 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 754107 |
| 60 | 326 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 236911 |
| 61 | 917 | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 48696 |
| 62 | 0 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). | 75.63 | \%Sft | 0 |
| 63 | 0 | P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes 1:2 gra $y$ cement mortor $3 / 4^{\prime \prime}$ thick I/c washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: 61 P-48) | 47651.56 | \%Sft | 0 |
| 64 | 1580 | Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 <br> (c) P. No. 56 ) | 1328.13 | \%Sft | 20984 |
|  |  |  | TOTAL :- |  | 25593843 |
|  |  | PART "B" |  |  |  |
| 1 | 20 | Providing \& fixing squating type white glazed of flushe cisten with internal fitting\&flush pippe with bend and making requesite numbers of holes in wall plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C not less than 19" clear opening between flushing rims and 3 gallons flushing tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) | 4802.60 | Each | 96052 |
| 2 | 17 | Providing \& fixing $24^{\prime \prime} \times 18^{\prime \prime}$ lavatory basin in white glazed earthen ware complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain $1-1 / 4^{\prime \prime}$ dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth \& floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (S.I No:8 P-No:3). | 4253.70 | Each | 72313 |
| ${ }^{3}$ | 17 | Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3). . | 938.47 | Each | 15954 |
| 4 | 2 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to match colour of the building. | 270.60 | Each | 541 |
| 5 | 34 | P/F in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with pair of brass nuts and lining joints to nyloon connection | 447.15 | Each | 15203 |


| Item <br> No. | Quantities | $\quad$ Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :--- | :--- | :--- | :--- |
| 6 | 17 | P/F 6" x 4" c.c gully trap with 4" dia out let complte with 4" thick 1:2:4 c.c for <br> bed and 1/2" thick cement plaster 1:3 to the karb c.I caning 6" x $6^{\prime \prime}$ and c.I cover <br> (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 20284 |
| and frame 12" x 12" in side etc complete |  |  |  |  |  |



Amount Total (CSR)
Part "A"

Part "B"
\% Above / Below $\qquad$
\% Above / Below $\qquad$

Total Amount

Total Amount

Total "A + B"

## NON SCHEDULE ITEMS



1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=$ TOTAL $(\mathrm{A})+\operatorname{TOTAL}(\mathrm{B})$

## CONTRACTOR



## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018 Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences
(L) Liquidity Demages

Executive Engineer, Education Works Division Sukkur

REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GBPS BHILINI, GBPS PIR MUHAMMAD LANJAR, GBLSS QAIM MOCHI, GBPS HASUL, GGLSS MULLA ALI, GBPS UMERABAD, GBELS MOTTO MIRBAHAR, GBPS ALLAH DEWAYO MALANO TALUKA PANO AKIL. (PACKAGE 12)

Near Shikarpur Phatak Golimar Road Sukkur
38414000
5\% on Bid
90 Days
10\%
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM

04 Months
$-$ $\qquad$
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$
(0) Tender Issued to (Mr. / M/S)

Amount Rs. 3000/-

EXEOUTV/VE ENGINEER
EDUCAJION WORKS DIVISION SUKKUR

## BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates


#### Abstract

NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY / ELEMENTARY SCHOOLS @ GBPS BHILINI, GBPS PIR MUHAMMAD LANJAR, GBLSS QAIM MOCHI, GBPS HASUL, GGLSS MULLA ALI, GBPS UMERABAD, GBELS MOTTO MIRBAHAR, GBPS ALLAH DEWAYO MALANO TALUKA PANO AKIL. (PACKAGE 12)


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 2426 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \%Cft | 132096 |
| 2 | 3886 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 49960 |
| 3 | 2588 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 9786 |
| 4 | 6475 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \%Cft | 84615 |
| 5 | 10110 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \%Cft | 12233 |
| 6 | 0 | Removing doors with chowkats (C.S.I No:33 (a) P-12). <br> Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 0 |
| 7 | 0 |  | 102.85 | Each | 0 |
| 8 | 20905 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No: 18 (b)P.5. | 3176.25 | \%0Cft | 66400 |
| 9 | 5428 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 511116 |
| 10 | 4475 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 389099 |
| 11 | 15575 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 1860957 |
| 12 | 6612 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ guage. (C.S.L No:6 A (1) P.17). | $337.00$ | P.Cft | 2228244 |
| 13 | 349 | First Floor | 349.10 | P.Cft | 121836 |
| 14 | 322 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 1611323 |
| 15 | 13101 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 149515 |
| 16 | 5908 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ff . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 8936 |
| 17 | 5819 |  | 3630.00 | \%0Cft | 21123 |
| 18 | 5819 | Extra Lead for one Mile | 579.41 | \%Cft | 33716 |
| 19 | 12740 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 1614713 |
| 20 | 0 | First Floor | 13112.86 | \%Cft | 0 |
| 21 | 7800 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: 52). | 12346.65 | \%Cft | 963039 |
| 22 | 10254 |  | 660.00 | \%Sft | 67676 |
| 23 | 11160 |  | 3015.76 | \%Sft | 336559 |
| 24 | 53035 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 1170270 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 50931 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 1119219 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 23002 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 296137 |


| Item <br> No. | Quantities | $\quad$ Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :--- | :--- | :--- | :--- |
| 27 | 400 | Providing and fixing G.I frames /Chowkates 7"2" or 41/2" x 3" for door using <br> 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast <br> filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c <br> all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | • |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 5170 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 961827 |
| 52 | 6326 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city $/$ guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 1416834 |
| 53 | 190 | Laying floor of approved with glazed tile $1 / 4^{\prime \prime}$ thick in white cement $1: 2$ over 3/4: thick cement mortor $1: 2$ complete (C.S.I No:24 P-43). | 27678.68 | \%Sft | 52589 |
| 54 | 0 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor $3 / 4$ " thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 0 |
| 55 | 6045 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 51981 |
| 56 | 440 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 782540 |
| 57 | 2272 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42). | 4411.82 | \%Sft | 100237 |
| 58 | 5650 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 176699 |
| 59 | 0 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P -50). | 223.97 | P.Sft | 0 |
| 60 | 63 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 45783 |
| 61 | 5080 | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 269766 |
| 62 | 2610 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). <br> P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes 1:2 gra $y$ cement mortor $3 / 4^{\prime \prime}$ thick I/c washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: 61 P-48 ) | 75.63 | \%Sft | 1974 |
| 63 | 0 |  | $47651.56$ | \%Sft | 0 |
| 64 | 1990 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 (c) P. No. 56) | 1328.13 | \%Sft | 26430 |
|  |  |  | TOTAL :- |  | 30244223 |
|  |  | $\underline{\text { PART " }{ }^{\prime \prime}}$ |  |  |  |
| 1 | 24 | Providing \& fixing squating type white glazed of flushe cisten with internal fitting\&flush pippe with bend and making requesite numbers of holes in wall plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C not less than $19^{\prime \prime}$ clear opening between flushing rims and 3 gallons flushing tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) | 4802.60 | Each | 115262 |
| 2 | 19 | Providing \& fixing $24^{\prime \prime} \times 18^{\prime \prime}$ lavatory basin in white glazed earthen ware complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain 1-1/4" dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth \& floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (S.I No:8 P-No:3). | 4253.70 | Each | 80820 |
| 3 | 19 | Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3). | 938.47 | Each | 17831 |
| 4 | 0 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to match colour of the building. | 270.60 | Each | 0 |
| 5 | 38 | $\mathrm{P} / \mathrm{F}$ in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with pair of brass nuts and lining joints to nyloon connection No:23 P-No:6). | 447.15 | Each | 16992 |


| Item <br> No. | Quantities | $\quad$ Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :--- | :--- | :--- | :--- |
| 6 | 19 | P/F 6" x 4" c.c gully trap with 4" dia out let complte with 4" thick 1:2:4 c.c for <br> bed and 1/2" thick cement plaster 1:3 to the karb c.I caning 6" x $6^{\prime \prime}$ and c.I cover <br> (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 22670 |
| and frame 12" x 12" in side etc complete |  |  |  |  |  |


| Item Ǹo. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 5 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of BB in cement motor 1:3 cement plaster 1:3, $1 / 2^{\prime}$ thick inside of walls and $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing Cl manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ ( $457 \times 457 \mathrm{~mm}$ ) of 1.75 Cwt . ( 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 73740 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixinbg in trench $i / c$ cutting fitting and jointing with " Z " joint with one rubber Ring $\mathrm{i} / \mathrm{c}$ testing with water to head of 122 metere or 400 ft . (S.I. No:3 Page No:23) |  |  |  |
|  | 140 | 3"dia | 137.00 | Each | 19180 |
|  | 140 | $4^{\text {'"dia }}$ | 226.00 | Each | 31640 |
|  |  |  | TOTAL :- |  | 1616235 |

Amount Total (CSR)

Part "A"

Part "B"
\% Above / Below $\qquad$
\% Above / Below $\qquad$ -

Total Amount
-

Total Amount

Total " $\mathrm{A}+\mathrm{B}$ "

## NON SCHEDULE ITEMS



1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=\operatorname{TOTAL}(\mathrm{A})+\operatorname{TOTAL}(\mathrm{B})$

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018 Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences

Executive Engineer, Education Works Division Sukkur

REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GBPS DAPHAR JATOI, GGPS DAFAR JATOI, GBELS FAIZ MUHAMMAD JATOI, GBPS WARYAM JATOI, GGPS THARECHANI, GGPS NIRCH, GBPS JALAL INDHAR, GBPS QADU INDHAR TALUKA PANO AKIL. (PACKAGE 13)

Near Shikarpur Phatak Golimar Road Sukkur
36107000
5\% on Bid
90 Days
10\%
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM

04 Months
$-$
(L) Liquidity Demages
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(o) Tender Issued to (Mr. / M/S)


## BILL OF QUANTITIES


#### Abstract

NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY / ELEMENTARY SCHOOLS @ GBPS DAPHAR JATOI, GGPS DAFAR JATOI, GBELS FAIZ MUHAMMAD JATOI, GBPS WARYAM JATOI, GGPS THARECHANI, GGPS NIRCH, GBPS JALAL INDHAR, GBPS QADU INDHAR TALUKA PANO AKIL. (PACKAGE 13)


| Item <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 5758 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \%Cft | 313523 |
| 2 | 7756 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 99713 |
| 3 | 2476 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 9362 |
| 4 | 2565 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \%Cft | 33521 |
| 5 | 14820 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \%Cft | 17932 |
| 6 | 2 | Removing doors with chowkats (C.S.I No:33 (a) P-12). <br> Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 284 |
| 7 | 3 |  | 102.85 | Each | 309 |
| 8 | 13997 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 44458 |
| 9 | 3110 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 292846 |
| 10 | 3301 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | $8694.95$ | \%Cft | 287020 |
| 11 | 12805 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P. 21 ). | 11948.36 | \%Cft | 1529987 |
| 12 | 6612 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ guage.(C.S.I No:6 A (1) P.17). | 337.00 | P.Cft | 2228244 |
| 13 | 775 | First Floor | 349.10 | P.Cft | 270553 |
| 14 | 380 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 1901923 |
| 15 | 2603 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 29709 |
| 16 | 6849 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft. (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 10359 |
| 17 | 76145 |  | 3630.00 | \%0Cft | 276406 |
| 18 | 44192 | Extra Lead for one Mile | 579.41 | \%Cft | 256053 |
| 19 | 12740 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 1614713 |
| 20 | 3121 | First Floor | 13112.86 | \%Cft | 409252 |
| 21 | 7800 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto 20 ' height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: 52). | 12346.65 | \%Cft | 963039 |
| 22 | 12395 |  | 660.00 | \%Sft | 81807 |
| 23 | 3712 |  | 3015.76 | \%Sft | 111945 |
| 24 | 57888 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 1277357 |
|  | 6681 | First Floor | 2309.10 | \%Sft | 154271 |
| 25 | 53888 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario $1: 4$ (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 1184200 |
|  | 6681 | First Floor | 2300.02 | \%Sft | 153664 |
| 26 | 16866 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 217140 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 852 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for door using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 195023 |
| 28 | 360 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio 1:6 and reparing the janbs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 86580 |
| 29 | 235 | Suppling and fixing in position iron steel grill of $3 / 4^{\text {" }} \times 1 / 4^{\text {" }}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 42418 |
| 30 | 1296 | First class deodar wood wrought joinery in doors and windos etcfied inosition I/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4^{\text {"only }}$ shutter (C.S.I No:7 (b) P.58). | 902.93 | P.Sft | 1170197 |
| 31 | 5262 | Providing and lying $2^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42) . | 3275.50 | \%Sft | 172357 |
| 32 | 3316 | Two coats of bitumen laid hot using 34"Lbs for 100sft over roof and blinded with sand at 1 Sft per 100 sft (C.S.I No:13 P.35). | 1887.40 | \%Sft | 62586 |
| 33 | 249 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 958669 |
| 34 | 203 | S/F T.Iron at Site of Work | 3575.00 | P.Cwt | 724495 |
| 35 | 964 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 179260 |
| 36 | 5596 | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with34 Lbs. Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 11 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including 1:2 cement pointing underside of tiles complete including curing etc. (C.S.I No:1 P.33). | 11443.11 | \%Sft | 640373 |
| 37 | 7495 | 2nd class tiles roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with leaping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12 " $\times 6$ " $\times 2$ "tiles laid in 1 " 6 cement mortor including $1: 2$ cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | 7607.25 | \%Sft | 570163 |
| 38 | 1139 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 80186 |
| 39 | 2722 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16) | 14429.25 | \%Cft | 392764 |
| 40 | 2612 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile, (C.S.I No:60 P-47). | 30509.77 | \%Sft | 796915 |
| 41 | 48 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} 1 / \mathrm{c}$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also $\mathrm{I} / \mathrm{c}$ locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 18578 |
| 42 | 50 | Providing and laying cement ornamental cement jalli 2" thick 1:2:4 without steel (C.S.I No:11 P.18). | 226.02 | P.Sft | 11301 |
| 43 | 872 | Notice board made with cement (C.S.I No:1 P.95). | 58.11 | P.Sft | 50672 |
| 44 | 223 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P.18). | 261.25 | Each | 58259 |
| 45 | 19285 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%Sft | 160056 |
| 46 | 43438 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 192322 |
| 47 | 81176 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%sft | 876417 |
| 48 | 27143 | Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 <br> (c) P. No. 56) | 2567.95 | \%Sft | 697019 |
| 49 | 6905 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 146138 |
| 50 | 11259 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 143083 |


| $\begin{aligned} & \text { Item } \\ & \text { No. } \\ & \hline \end{aligned}$ | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 6377 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor 1:3 setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 1186377 |
| 52 | 6188 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 1385926 |
| 53 | 240 | Laying floor of approved with glazed tile $1 / 4^{4}$ thick in white cement $1: 2$ over 3/4: thick cement mortor 1:2 complete (C.S.I No:24 P-43). | 27678.68 | \%Sft | 66429 |
| 54 | 0 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor $3 / 4$ " thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 0 |
| 55 | 9376 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 80624 |
| 56 | 190 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 337915 |
| 57 | 3437 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42). | 4411.82 | \%Sft | 151634 |
| 58 | 2612 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 81688 |
| 59 |  | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi i c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 0 |
| 60 | 163 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 118455 |
| 61 | 1050 | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 55759 |
| 62 | 0 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). | 75.63 | \%Sft | 0 |
| 63 | 516 | P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes 1:2 gra y cement mortor $3 / 4^{\prime \prime}$ thick I/c washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: 61 P-48) | 47651.56 | \%Sft | 245882 |
| 64 | 10868 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 (c) P. No. 56) | 1328.13 | \%Sft | 144341 |
|  |  |  | TOTAL:- |  | 26050452 |
|  |  | PART "B" |  |  |  |
| 1 | 30 | Providing \& fixing squating type white glazed of flushe cisten with internal fitting\&flush pippe with bend and making requesite numbers of holes in wall plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C not less than 19" clear opening between flushing rims and 3 gallons flushing tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) | 4802.60 | Each | 144078 |
| 2 | 28 | Providing \& fixing $24^{\prime \prime} \times 18^{\prime \prime}$ lavatory basin in white glazed earthen ware complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain $1-1 / 4^{\prime \prime}$ dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth \& floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (S.I No:8 P-No:3). | 4253.70 | Each | 119104 |
| 3 | 28 | Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3). . | 938.47 | Each | 26277 |
| 4 | 12 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to match colour of the building. | 270.60 | Each | 3247 |
| 5 | 52 | P/F in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with pair of brass nuts and lining joints to nyloon connection No:23 P-No:6). | 447.15 | Each | 23252 |


| Item <br> $\mathrm{No}^{\circ}$. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 28 | P/F $6^{\prime \prime} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{\prime \prime}$ thick 1:2:4 c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb c.I caning $6^{\prime \prime} \times 6^{\prime \prime}$ and c.I cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete <br> (S.I No:1(a-i) P-No:21). | $1193.17$ | Each | 33409 |
| 7 | 52 | P/F 4"dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:1 P-No:9). | 333.29 | Each | 17331 |
| 8 | 0 | RCC pipe with colar class " $B$ " and didding the traches to the required depth an fixing in positin $\mathrm{I} / \mathrm{c}$ cutting fitting and jointing with max phalt composition and cemen mortor $1: 1$ and testing with water presure to head of 4 Ft aboe the top of the heigh |  |  |  |
|  | 540 | 4"dia | 146.57 | P.Rft | 79148 |
|  | 540 | $6^{\prime \prime}$ dia | 199.25 | P.Rft | 107595 |
| 9 | 64 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& I/c making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No.3). | 2042.43 | Each | 130716 |
| 10 | 0 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and I/c the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12) | - |  |  |
| I | 1860 | 1/2"dia | 73.21 | P.Rft | 136171 |
| ii | 1346 | 3/4"dia | 95.79 | P.Rft | 128933 |
| iii | 735 | 1"dia | 128.55 | P.Rft | 94484 |
| iv | 250 | $11 / 2^{\prime \prime}$ dia | 153.19 | P.Rft | 38298 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete |  |  |  |
|  | 720 | $1 / 2^{\prime \prime}$ dia | 7.82 | P.Rft | 5630 |
|  | 420 | 3/4" dia | 8.45 | P.Rft | 3549 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 28 | 1/2"dia | 161.92 | Each | 4534 |
|  | 30 | 3/4 dia | 227.92 | Each | 6838 |
| 13 | 14 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. $1 / 2^{\prime \prime}$ dia. | 877.80 | Each | 12289 |
| 14 | 10 | S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia. | 889.46 | Each | 8895 |
| 15 | 64 | S/F concelled stop cock of superior quality with crystal head head $1 / 2^{\prime \prime}$ dia (S.I No:11 (b) P-No:18). | 478.28 | Each | 30610 |
| 16 | 24 | S/F long bib cock of crystal head with c.p head1/2" dia (S.I No:13 (b) PNo:19). | 1109.46 | Each | 26627 |
| 17 | 12 | S./F wash been mixture of superior quality with c.p head $1 / 2^{\prime \prime}$ dia with crystal head (S.I No:16 (b) P-No:15). | 2882.00 | Each | 34584 |
| 18 | 12 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 9544 |
| 19 | 16 | Supplying \& fixing Bath room accessories set (7 pieces I/c towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | 8122.40 | Each | 129958 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| ii | 18 | 3/4" dia | 271.92 | Each | 4895 |
| iii | 12 | $1^{\prime \prime}$ dia | 365.42 | Each | 4385 |
| 21 | 0 | P/F in position fiber glass tank with approved design and wall thickness as specified $\mathrm{I} / \mathrm{c}$ cost of nuts polts and fixinf in plate forum of c.c I:3:6 and makng connections for inlate out late and over flow inlate out flow pipes etc complete (Si No:3 P-No: 18 |  |  |  |
| ii | 21 | 250 Gallon | 21989.61 | Each | 461782 |
| 22 | 8 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime}$ dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 1612 |
| 23 | 8 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock , Standard Pattern | 337.92 | Each | 2703 |
| 24 | 0 | P/F handle values (China) (S.I No:7 P-No:14). | , |  |  |
| I | 0 | 1/2" dia |  |  |  |
| ii | 3 | 3/4" dia | 271.92 | Each | 816 |
| 25 | 745 | Boring for Tube Well | 160.00 | Each | 119200 |



Amount Total (CSR)

Part "A"

Part "B"
\% Above / Below $\qquad$
\% Above / Below $\qquad$

Total "A+B"
NON SCHEDULE ITEMS

| 1 | 10831 | Providing \& laying floor of Verona marble tiles of size $12^{\prime \prime} \times 12^{\prime \prime} \times 3 / 4 "$ fine <br> dressed on the surface without winding set in white cement laid over 3 / 4" <br> thick bed of $1: 2$ grey cement mortar setting the tiles with grey cement slurry, <br> jointing and washing the tiles with slurry of white cement and pigment to match <br> the colour of titles, including curring, grinding, rubbing and chemical polishing <br> etc. complete i/c cutting tiles to proper profile. | P.Sft |  |  |
| :--- | :---: | :--- | :---: | :---: | :---: |
| 2 | 8 | S/F Chiiler for Cold water i/c Stablizer | P/F piston pump set 1 H.P single phase 220 valts with $1 / 1 / 4^{\prime \prime} \times 1 / 1 / 4^{\prime \prime}$ suction <br> and delivery (Local made) (Electric) | - | Each |
| 3 | 8 | TOTAL :- |  |  |  |

1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=\operatorname{TOTAL}(\mathrm{A})+\operatorname{TOTAL}(\mathrm{B})$

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018
Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences

Executive Engineer, Education Works Division Sukkur

REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GBPS CHUNGA, GBPS RADHI, GBPS FARKPUR, GBPS SHAFIABAD, GBPS SOOMRA COLONY, GGELS FAROOQ E AZAM, GBPS LUQMAN MAHESAR, GBPS QALANDER SHAH TALUKA PANO AKIL. (PACKAGE 14)

Near Shikarpur Phatak Golimar Road Sukkur
35071000
5\% on Bid
90 Days

10\%
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM

04 Months
(L) Liquidity Demages
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(0) Tender Issued to (Mr. / M/S)


## BILL OF QUANTITIES

## Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN
EXISTING PRIMARY I ELEMENTARY SCHOOLS @ GBPS CHUNGA, GBPS RADHI, GBPS FARKPUR, GBPS
SHAFIABAD, GBPS SOOMRA COLONY, GGELS FAROOQ E AZAM, GBPS LUQMAN MAHESAR, GBPS
QALANDER SHAH TALUKA PANO AKIL. (PACKAGE 14)

| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 4276 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \%Cft | 232828 |
| 2 | 6697 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 86099 |
| 3 | 2586 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 9778 |
| 4 | 4383 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \%Cft | 57277 |
| 5 | 13592 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \%Cft | 16446 |
| 6 | 0 | Removing doors with chowkats (C.S.I No:33 (a) P-12). <br> Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 0 |
| 7 | 0 |  | 102.85 | Each | 0 |
| 8 | 18599 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 59075 |
| 9 | 2890 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 272130 |
| 10 | 4327 | Cement concrete brick or stone ballast 11/2" to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 376230 |
| 11 | 15811 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 1889155 |
| 12 | 5273 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cff . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ quage. (C.S.L No:6 A (1) P.17). | 337.00 | P.Cft | 1777001 |
| 13 | 349 | First Floor | 349.10 | P.Cft | 121836 |
| 14 | 294 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 1471225 |
| 15 | 8032 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 91665 |
| 16 | 3755 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 5679 |
| 17 | 74484 |  | 3630.00 | \%0Cft | 270377 |
| 18 | 43234 | Extra Lead for one Mile | 579.41 | \%Cft | 250502 |
| 19 | 12740 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 1614713 |
| 20 | 0 | First Floor | 13112.86 | \%Cft | 0 |
| 21 | 7800 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: 52). | 12346.65 | \%Cft | 963039 |
| 22 | 11504 |  | 660.00 | \%Sft | 75926 |
| 23 | 7332 |  | 3015.76 | \%Sft | 221116 |
| 24 | 58671 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 1294634 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 52567 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario $1: 4$ (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 1155170 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 19545 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 251630 |


| $\begin{aligned} & \text { Item } \\ & \text { No. } \end{aligned}$ | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 652 | Providing and fixing G.I frames /Chowkates 7"2" or 41/2" x $3^{\prime \prime}$ for door using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 149243 |
| 28 | 260 | Providing and fixing G.I frames /Chowkates 7"2" or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $i / c$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio $1: 6$ and reparing the janbs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 62530 |
| 29 | 185 | Suppling and fixing in position iron steel grill of $3 / 4^{\text {" }} \times 1 / 4^{4}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 33393 |
| 30 | 1046 | First class deodar wood wrought joinery in doors and windos etcfied inosition I/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4^{\text {"only }}$ shutter (C.S.I No:7 (b) P. 58 ) | 902.93 | P.Sft | 944465 |
| 31 | 5447 | Providing and lying $2^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Sft | 178416 |
| 32 | 1716 | Two coats of bitumen laid hot using $34^{\prime \prime}$ Lbs for 100 sft over roof and blinded with sand at ISft per 100sft (C.S.I No:13 P.35). | 1887.40 | \%Sft | 32388 |
| 33 | 258 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 993404 |
| 34 | 1045 | S/F T.Iron at Site of Work | 3575.00 | P.Cwt | 3735746 |
| 35 | 957 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 177955 |
| 36 | 6173 | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 Lbs . Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 11 / 4^{\prime \prime}$ laid in 1:6 cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including $1: 2$ cement pointing underside of tiles complete including curing etc. (C.S.I No:1 P.33). | 11443.11 | \%Sft | 706336 |
| 37 | 5794 | 2nd class tiles roofing consisting of 4"earth and 1" mud plaster with leaping over $1 / 2^{1}$ thick cement plaster 1:6 with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12 " $\times 6$ " $\times 2$ "tiles laid in 1 " 6 cement mortor including 1:2 cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | 7607.25 | \%Sft | 440764 |
| 38 | 1569 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 110458 |
| 39 | 3007 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. <br> (C.S.I No. 5 (f) Page No:16) | 14429.25 | \%cft | 433888 |
| 40 | 2301 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S. I No:60 P-47). | 30509.77 | \%Sft | 702030 |
| 41 | 315 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} 1 / \mathrm{c}$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also $\mathrm{I} / \mathrm{c}$ locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 121918 |
| 42 | 0 | Providing and laying cement ornamental cement jalli 2" thick 1:2:4 without steel (C.S.I No.11 P 18) (C.S.I No:11 P.18). | 226.02 | P.Sft | 0 |
| 43 | 824 | Notice board made with cement (C.S.I No:1 P.95). | 58.11 | P.Sft | 47883 |
| 44 | 240 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P.18). | 261.25 | Each | 62700 |
| 45 | 15686 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%Sft | 130186 |
| 46 | 30967 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%sft | 137106 |
| 47 | 65469 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 706836 |
| 48 | 20180 | Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris (c) P. No 56 | 2567.95 | \%Sft | 518212 |
| 49 | 17036 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 360552 |
| 50 | 8455 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 107449 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 4912 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 913828 |
| 52 | 6531 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 1462748 |
| 53 | 335 | Laying floor of approved with glazed tile $1 / 4^{\prime \prime}$ thick in white cement $1: 2$ over 3/4: thick cement mortor 1:2 complete (C.S.I No:24 P-43). | 27678.68 | \%Sft | 92724 |
| 54 | 0 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor $3 / 4$ " thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 0 |
| 55 | 7553 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 64948 |
| 56 | 210 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 373485 |
| 57 | 1605 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete $1: 2: 4$. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42). | 4411.82 | \%Sft | 70810 |
| 58 | 3311 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 103549 |
| 59 |  | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 0 |
| 60 | 163 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 118455 |
| 61 | 317 | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 16834 |
| 62 | 0 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes 1:2 gra y cement mortor $3 / 4^{\prime \prime}$ thick I/c washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: 61 P-48) | 75.63 | \%Sft | 0 |
| 63 | 96 |  | 47651.56 | \%Sft | 45745 |
| 64 | 9754 | Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 (c) P. No. 56) | 1328.13 | \%Sft | 129546 |
|  |  |  | TOTAL :- |  | 26850063 |
|  |  | PART "B" |  |  |  |
| 1 | 32 | Providing \& fixing squating type white glazed of flushe cisten with internal fitting\&flush pippe with bend and making requesite numbers of holes in wall plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C not less than $19^{\prime \prime}$ clear opening between flushing rims and 3 gallons flushing tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) | 4802.60 | Each | 153683 |
| 2 | 29 | Providing \& fixing $24^{\prime \prime} \times 18^{\prime \prime}$ lavatory basin in white glazed earthen ware complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain $1-1 / 4^{\prime \prime}$ dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth \& floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (S.I No:8 P-No:3). | 4253.70 | Each | 123357 |
| 3 | 29 | Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3). . | 938.47 | Each | 27216 |
| 4 | 10 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to match colour of the building. | 270.60 | Each | 2706 |
| 5 | 54 | P/F in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with pair of brass nuts and lining joints to nyloon connection No:23 P-No:6). | 447.15 | Each | 24146 |


| Item Ǹo. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 29 | P/F $6^{\prime \prime} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{\prime \prime}$ thick 1:2:4 c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb c.I caning $6^{\prime \prime} \times 6^{\prime \prime}$ and c.I cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete <br> (S.I No:1(a-i) P-No:21). | $1193.17$ | Each | 34602 |
| 7 | 2 | P/F 4"dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:1 P-No:9). | 333.29 | Each | 667 |
| 8 | 0 | RCC pipe with colar class " $B$ " and didding the traches to the required depth an fixing in positin $\mathrm{I} / \mathrm{c}$ cutting fitting and jointing with max phalt composition and cemen mortor 1:1 and testing with water presure to head of 4 Ft aboe the top of the heigh |  |  |  |
|  | 560 | 4"dia | 146.57 | P.Rft | 82079 |
|  | 560 | 6"dia | 199.25 | P.Rft | 111580 |
| 9 | 60 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& I/c making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No.3). | 2042.43 | Each | 122546 |
| 10 | 0 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and $\mathrm{I} / \mathrm{c}$ the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12) | * |  |  |
| I | 2070 | 1/2"dia | 73.21 | P.Rft | 151545 |
| ii | 1528 | 3/4"dia | 95.79 | P.Rft | 146367 |
| iii | 825 | 1 "dia | 128.55 | P.Rft | 106054 |
| iv | 255 | $11 / 2^{\prime \prime}$ dia | 153.19 | P.Rft | 39063 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting $\mathrm{i} / \mathrm{c}$ making recess in the wall for pipe and making good in Cement motor etc Complete |  |  |  |
|  | 920 | $1 / 2^{\prime \prime} \mathrm{dia}$ | 7.82 | P.Rft | 7194 |
|  | 520 | 3/4" dia | 8.45 | P.Rft | 4394 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 32 | 1/2"dia | 161.92 | Each | 5181 |
|  | 36 | 3/4 dia | 227.92 | Each | 8205 |
| 13 | 18 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. $1 / 2^{\prime \prime}$ dia. | 877.80 | Each | 15800 |
| 14 | 10 | S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia. | 889.46 | Each | 8895 |
| 15 | 72 | S/F concelled stop cock of superior quality with crystal head head $1 / 2^{\prime \prime}$ dia (S.I No:11 (b) P-No:18). | $478.28$ | Each | 34436 |
| 16 | 22 | S/F long bib cock of crystal head with c.p headI/2" dia (S.I No:13 (b) PNo:19). | 1109.46 | Each | 24408 |
| 17 | 11 | S./F wash been mixture of superior quality with c.p head $1 / 2^{\prime \prime}$ dia with crystal head <br> (S.I No:16 (b) P-No:15). | 2882.00 | Each | 31702 |
| 18 | 11 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 8748 |
| 19 | 16 | Supplying \& fixing Bath room accessories set ( 7 pieces $1 / \mathrm{c}$ towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | 8122.40 | Each | 129958 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| ii | 21 | 3/4" dia | 271.92 | Each | 5710 |
| iii | 14 | $1^{\prime \prime}$ dia | 365.42 | Each | 5116 |
| 21 | 0 | P/F in position fiber glass tank with approved design and wall thickness as specified $\mathrm{I} / \mathrm{c}$ cost of nuts polts and fixinf in plate forum of c.c I:3:6 and makng connections for inlate out late and over flow inlate out flow pipes etc complete (Si No:3 P-No: 18 |  |  |  |
| ii | 24 | 250 Gallon | 21989.61 | Each | 527751 |
| 22 | 8 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime}$ dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 1612 |
| 23 | 8 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock , Standard Pattern Standard Pattern | 337.92 | Each | 2703 |
| 24 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| 1 | 0 | 1/2" dia |  |  |  |
| ii | 2 | 3/4" dia | 271.92 | Each | 544 |
| 25 | 725 | Boring for Tube Well | 160.00 | Each | 116000 |


| Item NNo. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 5 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of BB in cement motor 1:3 cement plaster $1: 3,1 / 2^{\prime}$ thick inside of walls and $I^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing Cl manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ $(457 \times 457 \mathrm{~mm})$ of $1.75 \mathrm{Cwt} .(88.9 \mathrm{Kg})$ embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 73740 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixingg in trench $i / c$ cutting fitting and jointing with " Z " joint with one rubber Ring $\mathrm{i} / \mathrm{c}$ testing with water to head of 122 metere or 400 ft . (S.I.No:3 Page No:23) |  |  |  |
|  | 345 | 3"dia | 137.00 | Each | 47265 |
|  | 345 | $4{ }^{\text {'"dia }}$ | 226.00 | Each | 77970 |
|  |  |  | TOTAL :- |  | 2262945 |

Amount Total (CSR)
Part "A"

Part "B"
\% Above / Below $\qquad$
\% Above / Below $\qquad$

Total Amount

Total Amount

Total " $\mathrm{A}+\mathrm{B}$ "

## NON SCHEDULE ITEMS

| 1 | 8673 | Providing \& laying floor of Verona marble tiles of size $12^{\prime \prime} \times 12^{\prime \prime} \times 3 / 4^{\prime \prime}$ fine dressed on the surface without winding set in white cement laid over $3 / 4$ " thick bed of $1: 2$ grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of titles, including curring, grinding, rubbing and chemical polishing etc. complete $i / c$ cutting tiles to proper profile. |  | P.Sft |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | 8 | S/F Chiiler for Cold water i/c Stablizer |  | Each |  |
| 3 | 6 | P/F piston pump set $1 \mathrm{H} . \mathrm{P}$ single phase 220 valts with $1 / 1 / 4^{\prime \prime} \times 1 / 1 / 4^{\prime \prime}$ suction and delivery (Local made ) (Electric) | , | Each |  |
|  |  |  | TOTAL :- |  |  |
| Cost of Bid |  |  | Amoun |  | Position |

1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=\operatorname{TOTAL}(\mathrm{A})+$ TOTAL $(B)$

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018 Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences
(L) Liquidity Demages
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$
(o) Tender Issued to (Mr. / M/S)


## BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates


#### Abstract

NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING PRIMARY / ELEMENTARY SCHOOLS @ GBPS JUMO KALHORO, GBPS STATION MOHALLA, GBPS SALAHI CHACHAR GBPS URDU MAIN PANO AKIL, GBPS SAHIB KHAN KORAI, GBPS BAIJI SHARIF TALUKA PANO AKIL. (PACKAGE 15)


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 4378 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | $5445.00$ | \%Cft | 238382 |
| 2 | 9090 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 116864 |
| 3 | 3219 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 12172 |
| 4 | 3182 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \%Cft | 41582 |
| 5 | 14500 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \%Cft | 17545 |
| 6 | 2412 | Removing doors with chowkats (C.S.I No:33 (a) P-12). <br> Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 342938 |
| 7 | 9 |  | 102.85 | Each | 926 |
| 8 | 11923 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 37870 |
| 9 | 6769 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 637341 |
| 10 | 6213 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 540217 |
| 11 | 10104 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 1207262 |
| 12 | 5605 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cf . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ quage.(C.S.I No:6 A (1) P. 77 ). | 337.00 | P.Cft | 1888885 |
| 13 | 1000 | First Floor | 349.10 | P.Cft | 349100 |
| 14 | 214 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 1068088 |
| 15 | 12188 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 139095 |
| 16 | 5622 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 8503 |
| 17 | 605 |  | 3630.00 | \%0Cft | 2196 |
| 18 | 605 | Extra Lead for one Mile | 579.41 | \%Cft | 3505 |
| 19 | 12740 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 1614713 |
| 20 | 3556 | First Floor | 131.12.86 | \%Cft | 466293 |
| 21 | 7800 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: <br> 52). | 12346.65 | \%Cft | 963039 |
| 22 | 13842 |  | 660.00 | \%Sft | 91357 |
| 23 | 16248 |  | 3015.76 | \%Sft | 490001 |
| 24 | 39185 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 864656 |
|  | 8806 | First Floor | 2309.10 | \%Sft | 203339 |
| 25 | 36779 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 808226 |
|  | 8806 | First Floor | 2300.02 | \%Sft | 202540 |
| 26 | 16426 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 211475 |


| Item <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 600 | Providing and fixing G.I frames /Chowkates 7 " 2 " or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for door using 20 guage G .I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 137340 |
| 28 | 300 | Providing and fixing G.I frames/Chowkates $7^{\prime \prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio $1: 6$ and reparing the janbs. Cost also $\mathrm{i} / \mathrm{c}$ all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 72150 |
| 29 | 150 | Suppling and fixing in position iron steel grill of $3 / 4^{\prime \prime} \times 1 / 4^{\prime \prime}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 27075 |
| 30 | 750 | First class deodar wood wrought joinery in doors and windos etcfied inosition I/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4$ "only shutter (C.S.I No: 7 (b) P. 58 ). | 902.93 | P.Sft | 677198 |
| 31 | 5516 | Providing and lying $2^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Sft | 180677 |
| 32 | 500 | Two coats of bitumen laid hot using $34^{\prime \prime} \mathrm{Lbs}$ for 100 sft over roof and blinded with sand at 1 Sft per 100 sft (C.S.I No:13 P.35). | 1887.40 | \%Sft | 9437 |
| 33 | 248 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 955686 |
| 34 | 223 | S/F T.Iron at Site of Work | 3575.00 | P.Cwt | 796338 |
| 35 | 457 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 85021 |
| 36 | 9765 | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with34 Lbs. Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 11 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including $1: 2$ cement pointing underside of tiles complete including curing etc. (C.S.I No: 1 P.33). | 11443.11 | \%Sft | 1117397 |
| 37 | 3422 | 2nd class tiles roofing consisting of 4 "earth and $1^{\prime \prime}$ mud plaster with leaping <br>  blinded provided over one layer of 12 " $\times 6$ " $\times 2$ "tiles laid in 1" 6 cement mortor including $1: 2$ cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | 7607.25 | \%Sft | 260320 |
| 38 | 1268 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 89267 |
| 39 | 1517 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16) | 14429.25 | \%Cft | 218892 |
| 40 | 2818 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile, (C.S. I No: 60 P-47). | 30509.77 | \%Sft | 859765 |
| 41 | 0 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} 1 / \mathrm{c}$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also $1 / \mathrm{c}$ locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 0 |
| 42 | 0 | Providing and laying cement ornamental cement jalli $2^{\prime \prime}$ thick 1:2:4 without steel (C.S.I No:11 P.18). | 226.02 | P.Sft | 0 |
| 43 | 1568 | Notice board made with cement (C.S.I No:1 P.95). | 58.11 | P.Sft | 91116 |
| 44 | 201 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P.18). | 261.25 | Each | 52511 |
| 45 | 18925 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%Sft | 157068 |
| 46 | 65874 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 291657 |
| 47 | 82818 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 894145 |
| 48 | 30535 | Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 (c) P. No. 56 ) | 2567.95 | \%Sft | 784124 |
| 49 | 12946 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 273990 |
| 50 | 11469 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 145751 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 2768 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 514959 |
| 52 | 3446 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 771801 |
| 53 | 775 | Laying floor of approved with glazed tile $1 / 4^{\prime \prime}$ thick in white cement 1:2 over 3/4: thick cement mortor 1:2 complete (C.S.I No:24 P-43). | 27678.68 | \%Sft | 214510 |
| 54 | 453 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor $3 / 4$ " thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 127988 |
| 55 | 11745 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 100995 |
| 56 | 432 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 768312 |
| 57 | 7984 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42) . | 4411.82 | \%Sft | 352240 |
| 58 | 1268 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 39656 |
| 59 |  | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 0 |
| 60 | 189 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 137350 |
| 61 | 0 | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 0 |
| 62 | 0 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). | 75.63 | \%Sft | 0 |
| 63 | 0 | P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes 1:2 gra y cement mortor $3 / 4^{\prime \prime}$ thick I/c washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: 61 P-48) | 47651.56 | \%Sft | 0 |
| 64 | 0 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 (c) P. No. 56) |  | \%sft | 0 |
|  |  |  | TOTAL:- |  | 23772848 |
|  |  | PART "B" |  |  |  |
| 1 | 16 | Providing \& fixing squating type white glazed of flushe cisten with internal fitting\&flush pippe with bend and making requesite numbers of holes in wall plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C not less than $19^{\prime \prime}$ clear opening between flushing rims and 3 gallons flushing tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) | 4802.60 | Each | 76842 |
| 2 | 13 | Providing \& fixing $24^{\prime \prime} \times 18^{\prime \prime}$ lavatory basin in white glazed earthen ware complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain $1-1 / 4^{\prime \prime}$ dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth \& floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (S.I No:8 P-No:3). | 4253.70 | Each | 55298 |
| 3 | 13 | Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3). | 938.47 | Each | 12200 |
| 4 | 2 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to match colour of the building. | 270.60 | Each | 541 |
| 5 | 26 | $\mathrm{P} / \mathrm{F}$ in position nyloon connections complete with $1 / 2^{\text {" dia bass stop cock with }}$ pair of brass nuts and lining joints to nyloon connection No:23 P-No:6). | 447.15 | Each | 11626 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ${ }^{6}$ | 13 | P/F $6^{\prime \prime} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{\prime \prime}$ thick 1:2:4 c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb c.I caning $6^{\prime \prime} \times 6^{\prime \prime}$ and c.I cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 15511 |
| 7 | 0 | P/F 4"dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:1 P-No:9). | 333.29 | Each | 0 |
| 8 | 0 | RCC pipe with colar class " B " and didding the traches to the required depth an fixing in positin $\mathrm{I} / \mathrm{c}$ cutting fitting and jointing with max phalt composition and cemen mortor $1: 1$ and testing with water presure to head of 4 Ft aboe the top of the heigh |  |  |  |
|  | 280 | 4"dia | 146.57 | P.Rft | 41040 |
|  | 280 | $6^{\text {"dia }}$ | 199.25 | P.Rft | 55790 |
| ${ }^{9}$ | 22 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& I/c making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No.3). | 2042.43 | Each | 44933 |
| 10 | 0 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and $\mathrm{I} / \mathrm{c}$ the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12) |  |  |  |
| I | 1000 | 1/2"dia | 73.21 | P.Rft | 73210 |
| ii | 764 | 3/4"dia | 95.79 | P.Rft | 73184 |
| iii | 425 | 1"dia | 128.55 | P.Rft | 54634 |
| iv | 170 | $11 / 2^{\prime \prime}$ dia | 153.19 | P.Rft | 26042 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete |  |  |  |
|  | 550 | 1/2" dia | 7.82 | P.Rft | 4301 |
|  | 350 | 3/4" dia | 8.45 | P.Rft | 2958 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 16 | 1/2"dia | 161.92 | Each | 2591 |
|  | 16 | 3/4 dia | 227.92 | Each | 3647 |
| 13 | 2 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. $1 / 2^{\prime \prime}$ dia. | 877.80 | Each | 1756 |
| 14 | 2 | S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia. | 889.46 | Each | 1779 |
| 15 | 48 | S/F concelled stop cock of superior quality with crystal head head $1 / 2^{\text {" }}$ dia (S.I No:11 (b) P-No:18). | 478.28 | Each | 22957 |
| 16 | 14 | S/F long bib cock of crystal head with c.p head1/2" dia (S.I No:13 (b) PNo:19). | 1109.46 | Each | 15532 |
| 17 | 7 | S./F wash been mixture of superior quality with c.p head $1 / 2^{\prime \prime}$ dia with crystal head (S.I No:16 (b) P-No:15). | 2882.00 | Each | 20174 |
| 18 | 7 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 5567 |
| 19 | 8 | Supplying \& fixing Bath room accessories set (7 pieces I/c towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | 8122.40 | Each | 64979 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| ii | 13 | 3/4" dia | 271.92 | Each | 3535 |
| iii | 8 | 1" dia | 365.42 | Each | 2923 |
| 21 | 0 | $\mathrm{P} / \mathrm{F}$ in position fiber glass tank with approved design and wall thickness as specified I/c cost of nuts polts and fixinf in plate forum of c.c I: :3:6 and makng connections for inlate out late and over flow inlate out flow pipes etc complete (Si No:3 P-No: 18 |  |  |  |
| ii | 12 | 250 Gallon | 21989.61 | Each | 263875 |
| 22 | 2 | Providing \& fixing 4" x $4^{\prime \prime}$ dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 403 |
| 23 | 2 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock , Standard Pattern | 337.92 | Each | 676 |
| 24 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| 1 | 0 | 1/2" dia |  |  |  |
| ii | 1 | 3/4" dia | 271.92 | Each | 272 |
| 25 | 305 | Boring for Tube Well | 160.00 | Each | 48800 |


| Item <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 5 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of $B B$ in cement motor $1: 3$ cement plaster 1:3, $1 / 2^{\prime}$ thick inside of walls and $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing CI manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ ( $457 \times 457 \mathrm{~mm}$ ) of 1.75 Cwt . ( 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | $14748$ | Each | 73740 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixingg in trench $\mathrm{i} / \mathrm{c}$ cutting fitting and jointing with "Z" joint with one rubber Ring $\mathrm{i} / \mathrm{c}$ testing with water to head of 122 metere or 400 ft . (S.I.No:3 Page No:23) |  |  |  |
|  | 200 | 3"dia | 137.00 | Each | 27400 |
|  | 185 | 4''dia | 226.00 | Each | 41810 |
|  |  |  | TOTAL:- |  | 1150526 |

Amount Total (CSR)
Part "A"

Part "B"
\% Above / Below $\qquad$ \% Above / Below $\qquad$

Total Amount

Total Amount
-

Total "A+B"

## NON SCHEDULE ITEMS



1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=$ TOTAL $(\mathrm{A})+$ TOTAL $(\mathrm{B})$


## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018
Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(7.50\% Income Tax) \& (5\% Security Deposit)

REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING SECONDAY I HIGH SECONDARY SCHOOLS @ GGHS AZIZ ABAD, GGHS BACHAL SHAH MIANI TALUKA NEW SUKKUR (PACKAGE NO. 16).

Near Shikarpur Phatak Golimar Road Sukkur
10433000

5\% on Bid
90 Days
10\%
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM
(k) Time for completion from written order of commences

04 Months
(L) Liquidity Demages
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(o) Tender Issued to (Mr. / M/S)


## BILL OF QUANTITIES

## NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING SECONDAY / HIGH SECONDARY SCHOOLS @ GGHS AZIZ ABAD, GGHS BACHAL SHAH MIANI TALUKA NEW SUKKUR (PACKAGE NO. 16).

| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 1781 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \%Cft | 96975 |
| 2 | 229 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 2944 |
| 3 | 0 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 0 |
| 4 | 1534 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \%Cft | 20046 |
| 5 | 13372 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \%Cft | 16180 |
| 6 | 0 | Removing doors with chowkats (C.S.I No:33 (a) P-12). <br> Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 0 |
| 7 | 0 |  | 102.85 | Each | 0 |
| 8 | 1018 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 3233 |
| 9 | 121 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 11394 |
| 10 | 0 | Cement concrete brick or stone ballast 11/2" to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 0 |
| 11 | 265 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 31663 |
| 12 | 2506 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ guage. (C.S.L No:6 A (1) P. 17 ). | $337.00$ | P.Cft | 844522 |
| 13 | 0 | First Floor | 349.10 | P.Cft | 0 |
| 14 | 124 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 619481 |
| 15 | 0 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 0 |
| 16 | 0 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ff . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 0 |
| 17 | 0 |  | 3630.00 | \%0Cft | 0 |
| 18 | 0 | Extra Lead for one Mile | 579.41 | \%Cft | 0 |
| 19 | 174 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | $12674.36$ | \%Cft | 22053 |
| 20 | 0 | First Floor | 13112.86 | \%Cft | 0 |
| 21 | 905 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: <br> 52). | 12346.65 | \%Cft | 111737 |
| 22 | 13372 |  | 660.00 | \%Sft | 88255 |
| 23 | 0 |  | 3015.76 | \%Sft | 0 |
| 24 | 15521 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 342486 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 15521 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 341077 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 3776 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53 ) | 1287.44 | \%Sft | 48614 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 336 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for door using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | $228.90$ | P.Rft | 76910 |
| 28 | 235 | Providing and fixing G.I frames/Chowkates $7^{\prime \prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio 1:6 and reparing the janbs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 56518 |
| 29 | 79 | Suppling and fixing in position iron steel grill of $3 / 4^{" x} \times 1 / 4^{\prime \prime}$ size flate iron of approved design I/c painting three coats etcomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 14260 |
| 30 | 196 | First class deodar wood wrought joinery in doors and windos etffied inosition $1 / \mathrm{c}$ in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4$ "only shutter (C.S.I No:7 (b) P.58). | 902.93 | P.Sft | 176974 |
| 31 | 10346 | Providing and lying $2^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Sft | 338883 |
| 32 | 10346 | Two coats of bitumen laid hot using $34^{\prime \prime} \mathrm{Lbs}$ for 100 stt over roof and blinded with sand at ISft per 100sft (C.S.I No:13 P.35). | 1887.40 | \%sft | 195270 |
| 33 | 0 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 0 |
| 34 | 0 | S/F T.Iron at Site of Work | 3575.00 | P.Cwt | 0 |
| 35 | 0 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 0 |
| 36 | ${ }^{0}$ | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 Lbs. Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 11 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including 1:2 cement pointing underside of tiles complete including curing etc. (C.S.I No: 1 P.33). | 11443.11 | \%Sft | ${ }^{0}$ |
| 37 | 0 | 2nd class tiles roofing consisting of 4 "earth and 1 " mud plaster with leaping over $1 / 2^{\text {"thick }}$ cement plaster $1: 6$ with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12 " $\times 6$ " $\times 2$ "tiles laid in 1 " 6 cement mortor including $1: 2$ cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | 7607.25 | \%Sft | ${ }^{0}$ |
| 38 | 0 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 0 |
| 39 | 1267 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16) | 14429.25 | \%Cft | 182819 |
| 40 | 199 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile, (C.S.I $\mathrm{No}: 60 \mathrm{P}-47$ ). | 30509.77 | \%sft | 60714 |
| 41 | 96 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} I / c$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also $\mathrm{I} / \mathrm{c}$ locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 37156 |
| 42 | 0 | Providing and laying cement ornamental cement jalli $2^{\prime \prime}$ thick 1:2:4 without steel (C.S.I No:11 P.18). | 226.02 | P.Sft | 0 |
| 43 | 0 | Notice board made with cement (C.S.I No:1 P.95). | 58.11 | P.Sft | 0 |
| 44 | 0 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P.18). | 261.25 | Each | 0 |
| 45 | 15258 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%Sft | 126634 |
| 46 | 5437 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 24072 |
| 47 | 38051 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 410818 |
| 48 | 11730 | Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 <br> (c) P. No. 56) | $2567.95$ | \%Sft | 301221 |
| 49 | 4296 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 90921 |
| 50 | 593 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 7536 |


| Item <br> No. | Quantities | $\quad$ Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :--- | :--- | :--- | :---: |
| 51 | 2418 | Providing and fixing 3/8" thick marble tiles of approved quality and coloum <br> shade size 8" x 4/6" x 4" in dado skitring and facing removal / tucking of <br> exiting plaster surface etc over 1/2" thick base of cement mortor 1:3 setting <br> mortor base including filling the joints and washing of tiles wiht white cement <br> slurry current finishing cleaning and polishing etc complete (for new work) <br> (C.SI No: 68(i) P-49). | 186.04 | P.Sft | 449845 |
| 52 | 1600 | P/F Fixing paving blocks flooring having size of 197x97x80 (mm) of city / <br> guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi | 223.97 | P.Sft | 358352 |
| i/c filling the joints with hill sand and laying in specified manner / pattern and |  |  |  |  |  |
| design etc complete (C.S.I No. 74 P-50). |  |  |  |  |  |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | 2 | Providing \& fixing $24^{\prime \prime} \times 18^{\prime \prime}$ lavatory basin in white glazed earthen ware complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain $1-1 / 4^{\prime \prime}$ dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth \& floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (S.I No:8 P-No:3). | 4253.70 | Each | 8507 |
| 3 | 2 | Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3). . | 938.47 | Each | 1877 |
| 4 | 0 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to match colour of the building. | 270.60 | Each | 0 |
| 5 | 4 | $\mathrm{P} / \mathrm{F}$ in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with pair of brass nuts and lining joints to nyloon connection No:23 P-No:6). | 447.15 | Each | 1789 |
| 6 | 2 | P/F $6^{\prime \prime} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{\prime \prime}$ thick 1:2:4 c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb c.I caning $6^{\prime \prime} \times 6^{\prime \prime}$ and c.I cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete <br> (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 2386 |
| 7 | 0 | P/F 4"dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:1 P-No:9). | 333.29 | Each | 0 |
| 8 | 0 | RCC pipe with colar class " B " and didding the traches to the required depth an fixing in positin I/c cutting fitting and jointing with max phalt composition and cemen mortor 1:1 and testing with water presure to head of 4 Ft aboe the top of the heigh |  |  |  |
|  | 40 | 4"dia | 146.57 | P.Rft | 5863 |
|  | 40 | 6"dia | 199.25 | P.Rft | 7970 |
| 9 | 4 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& I/c making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No. 3). | 2042.43 | Each | 8170 |
| 10 | 0 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and $I / c$ the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12) |  |  |  |
| I | 260 | 1/2"dia | 73.21 | P.Rft | 19035 |
| ii | 200 | 3/4"dia | 95.79 | P.Rft | 19158 |
| iii | 130 | $1^{\prime \prime}$ dia | 128.55 | P.Rft | 16712 |
| iv | 60 | $11 / 2^{\prime \prime} \mathrm{dia}$ | 153.19 | P.Rft | 9191 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete |  |  |  |
|  | 100 | $1 / 2^{\prime \prime}$ dia | 7,82 | P.Rft | 782 |
|  | 100 | 3/4" dia | 8.45 | P.Rft | 845 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 4 | 1/2"dia | 161.92 | Each | 648 |
|  | 4 | 3/4 dia | 227.92 | Each | 912 |
| 13 | 0 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. 1/2" dia. | 877.80 | Each | 0 |
| 14 | 0 | S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia. | 889.46 | Each | 0 |
| 15 | 16 | $\mathrm{S} / \mathrm{F}$ concelled stop cock of superior quality with crystal head head $1 / 2^{\prime \prime}$ dia (S.I No:11 (b) P-No:18). | 478.28 | Each | 7652 |
| 16 | 4 | S/F long bib cock of crystal head with c.p head1/2" dia (S.I No:13 (b) PNo:19). | 1109.46 | Each | 4438 |
| 17 | 2 | S./F wash been mixture of superior quality with c.p head $1 / 2^{\prime \prime}$ dia with crystal head <br> (S.I No:16 (b) P-No:15). | 2882.00 | Each | 5764 |
| 18 | 2 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 1591 |
| 19 | 0 | Supplying \& fixing Bath room accessories set (7 pieces I/c towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | 8122.40 | Each | 0 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). | - |  |  |
| ii | 2 | 3/4" dia | 271.92 | Each | 544 |
| iii | 0 | 1" dia | 365.42 | Each | 0 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 21 | 0 | P/F in position fiber glass tank with approved design and wall thickness as specified I/c cost of nuts polts and fixinf in plate forum of c.c I:3:6 and makng connections for inlate out late and over flow inlate out flow pipes etc complete (Si No:3 P-No: 18 |  |  |  |
| ii | 2 | 250 Gallon | 21989.61 | Each | 43979 |
| 22 | 0 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime}$ dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 0 |
| 23 | 0 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock , Standard Pattern | 337.92 | Each | 0 |
| 24 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| I | 0 | $1 / 2^{\prime \prime}$ dia |  |  |  |
| ii | 0 | 3/4" dia | 271.92 | Each | 0 |
| 25 | 100 | Boring for Tube Well | 160.00 | Each | 16000 |
| 26 | 4 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of $\mathrm{BB}^{\prime}$ in cement motor $1: 3$ cement plaster 1:3, $1 / 2^{\prime}$ thick inside of walls and $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing Cl manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ ( $457 \times 457 \mathrm{~mm}$ ) of 1.75 Cwt ( 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $I^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 58992 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixinbg in trench $i / c$ cutting fitting and jointing with " $Z$ " joint with one rubber Ring $\mathrm{i} / \mathrm{c}$ testing with water to head of 122 metere or 400 ft . (S.I.No:3 Page No:23) |  |  |  |
|  | 100 | 3"dia | 137.00 | Each | 13700 |
|  | 70 | $4{ }^{\text {'"d }}$ dia | 226.00 | Each | 15820 |
|  |  |  | TOTAL:- |  | 291534 |

Amount Total (CSR)

Part "A"

Part "B"
\% Above / Below $\qquad$
\% Above / Below $\qquad$ Total Amount

Total " $\mathrm{A}+\mathrm{B}$ "
-

## NON SCHEDULE ITEMS



1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=$ TOTAL $(\mathrm{A})+$ TOTAL $(\mathrm{B})$

## CONTRACTOR

EXECUTIVE ENGINEER EDUCATYON WORKS DIVISION SUKKUR

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

## NIT No. EE/EWD/TC/ 1018

Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences

Executive Engineer, Education Works Division Sukkur

REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING SECONDAY I HIGH SECONDARY SCHOOLS @ GBHS ISLAMIA ROHRI (N),GGHS ALI WAHAN, GBHS PATNI, GGHS KANDHRA, GBHS DARA WAHAN, GBHS FAKIR ABAD TALUKA ROHRI (PACKAGE NO. 17).

Near Shikarpur Phatak Golimar Road Sukkur 32374000

5\% on Bid
90 Days 10\%
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM

04 Months
(L) Liquidity Demages
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(o) Tender Issued to (Mr. / M/S)

NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN
EXISTING SECONDAY I HIGH SECONDARY SCHOOLS @ GBHS ISLAMIA ROHRI (N),GGHS ALI WAHAN,
GBHS PATNI, GGHS KANDHRA, GBHS DARA WAHAN, GBHS FAKIR ABAD TALUKA ROHRI (PACKAGE
NO. 17).

| Item <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 4525 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \%Cft | 246386 |
| 2 | 16347 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 210162 |
| 3 | 4124 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 15594 |
| 4 | 0 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \%Cft | 0 |
| 5 | 2262 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \%Cft | 2737 |
| 6 | 0 | Removing doors with chowkats (C.S.I No:33 (a) P-12). <br> Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 0 |
| 7 | 0 |  | 102.85 | Each | 0 |
| 8 | 8331 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 26461 |
| 9 | 192 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 18079 |
| 10 | 4973 | Cement concrete brick or stone ballast 11/2" to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 432400 |
| 11 | 10977 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 1311571 |
| 12 | 4455 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (1)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ euape. (C.S.I No:6 A (1) P.17). | 337.00 | P.Cft | 1501335 |
| 13 | 0 | First Floor | 349.10 | P.Cft | 0 |
| 14 | 232 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 1160553 |
| 15 | 0 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 0 |
| 16 | 712 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 1077 |
| 17 | 60484 |  | 3630.00 | \%0Cft | 219557 |
| 18 | 60484 | Extra Lead for one Mile | 579.41 | \%Cft | 350450 |
| 19 | 19037 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 2412818 |
| 20 | 0 | First Floor | 13112.86 | \%Cft | 0 |
| 21 | 4096 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: <br> 52). | 12346.65 | \%Cft | 505767 |
| 22 | 2262 |  | 660.00 | \%Sft | 14929 |
| 23 | 0 |  | 3015.76 | \%Sft | 0 |
| 24 | 48468 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 1069495 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 48468 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario $1: 4$ (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 1065094 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 15883 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 204484 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 1454 | Providing and fixing G.I frames /Chowkates 7 " $2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for door using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also $\mathrm{i} / \mathrm{c}$ all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 332821 |
| 28 | 585 | Providing and fixing G.I frames /Chowkates 7 " $2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio $1: 6$ and reparing the janbs. Cost also $\mathrm{i} / \mathrm{c}$ all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 140693 |
| 29 | 630 | Suppling and fixing in position iron steel grill of $3 / 4^{\prime \prime} \times 1 / 4^{\prime \prime}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 113715 |
| 30 | 1560 | First class deodar wood wrought joinery in doors and windos etcfied inosition $\mathrm{I} / \mathrm{c}$ in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4^{\text {" }}$ only shutter (C.S.I No:7 (b) P.58). | 902.93 | P.Sft | 1408571 |
| 31 | 428 | Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Sft | 14019 |
| 32 | 0 | Two coats of bitumen laid hot using 34"Lbs for 100sft over roof and blinded with sand at 1 Sft per 100 sft (C.S.I No:13 P.35). | 1887.40 | \%Sft | 0 |
| 33 | 177 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 682447 |
| 34 | 160 | S/F T.Iron at Site of Work | 3575.00 | P.Cwt | 572182 |
| 35 | 337 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 62757 |
| 36 | 3101 | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 Lbs . Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 11 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including $1: 2$ cement pointing underside of tiles complete including curing etc. (C.S.I No: 1 P. 33). | 11443.11 | \%Sft | 354851 |
| 37 | 8152 | 2nd class tiles roofing consisting of 4 "earth and $1^{\prime \prime}$ mud plaster with leaping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12 " $\times 6$ " $\times 2$ "tiles laid in 1 " 6 cement mortor including $1: 2$ cement pointing under neath of tiles complete including curing etc (C.S.I No: 2 P.33), | 7607.25 | \%Sft | 620143 |
| 38 | 609 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 42874 |
| 39 | 3698 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16) | $14429.25$ | \%Cft | 533594 |
| 40 | 2276 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile, (C.S., I No:60 P-47). | 30509.77 | \%Sft | 694402 |
| 41 | 0 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} 1 / \mathrm{c}$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also $1 / \mathrm{c}$ locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 0 |
| 42 | 0 | Providing and laying cement ornamental cement jalli $2^{\prime \prime}$ thick 1:2:4 without steel (C.S.I No:11 P.18). | 226.02 | P.Sft | 0 |
| 43 | 512 | Notice board made with cement (C.S.I No:I P.95). | 58.11 | P.Sft | 29752 |
| 44 | 62 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P.18). | 261.25 | Each | 16198 |
| 45 | 16636 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%sft | 138070 |
| 46 | 20271 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 89750 |
| 47 | 63223 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 682587 |
| 48 | 792 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 (c) P. No. 56) | 2567.95 | \%Sft | 20338 |
| 49 | 7242 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 153270 |
| 50 | 6810 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 86544 |


| Item <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 2984 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 555143 |
| 52 | 1780 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 398667 |
| 53 | 1500 | Laying floor of approved with glazed tile $1 / 4^{n \prime}$ thick in white cement $1: 2$ over 3/4: thick cement mortor $1: 2$ complete (C.S.I No:24 P-43). | 27678.68 | \%Sft | 415180 |
| 54 | 3280 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor $3 / 4$ " thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 926715 |
| 55 | 6328 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 54414 |
| 56 | 580 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 1031530 |
| 57 | 0 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete $1: 2: 4$. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42). | 4411.82 | \%Sft | 0 |
| 58 | 791 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 24738 |
| 59 | 3816 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 854670 |
| 60 | 118 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 85753 |
| 61 | 2392 | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 127024 |
| 62 | 5000 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). | 75.63 | \%Sft | 3782 |
| 63 | 2880 | P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes 1:2 gra y cement mortor $3 / 4^{\prime \prime}$ thick $\mathrm{I} / \mathrm{c}$ washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: 61 P-48 ) | 47651.56 | \%Sft | 1372365 |
| 64 | 8952 | Preparing the surface and painting with weather coat $1 / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 (c) P. No. 56) | 1328.13 | \%Sft | 118894 |
|  |  |  | TOTAL :- |  | 23527402 |


| 1 | 20 |
| :--- | :--- |
| 2 | 20 |
|  |  |
| 3 | 20 |
| 4 | 12 |
| 5 | 40 |


| Providing \& fixing squating type white glazed of flushe cisten with internal <br> fitting\&flush pippe with bend and making requesite numbers of holes in wall <br> plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C <br> not less than 19" clear opening between flushing rims and 3 gallons flushing | 4802.60 | Each | 96052 |
| :--- | :---: | :---: | :---: |
| tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) |  |  |  |
| Providing \& fixing 24" x 18" lavatory basin in white glazed earthen ware <br> complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into <br> wall, painted white in two coast after a primary coat of red lead paint, a pair of <br> $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain 1-1/4" dia malloable iron or c.P | 4253.70 | Each | 85074 |
| brass traps malloable iron or brass unions and making requisite number of holes <br> in walls, plinth \& floor for pipe connection and making good in cement concrete <br> 1: 2:4 (Standard pattern). (S.I No:8 P-No:3). | Add: extra labour for providing and fixing of earthen wire padestle whiute or <br> colored glass standared pattern (S.I No:9 P-No:3). | 938.47 | Each |
| Providing \& fixing 4" $4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with <br> access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to <br> match colour of the building. | 270.60 | Each | 18769 |
| P/F in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with <br> (S.I <br> pair of brass nuts and lining joints to nyloon connection <br> No:23 P-No:6). | 447.15 | Each | 17886 |


| Item îo. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 20 | P/F $6^{\prime \prime} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{\prime \prime}$ thick 1:2:4 c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb c.I caning $6^{\prime \prime} \times 6^{\prime \prime}$ and c.I cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete <br> (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 23863 |
| 7 | 0 | P/F 4"dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:1 P-No:9). | 333.29 | Each | 0 |
| 8 | 0 | RCC pipe with colar class " B " and didding the traches to the required depth an fixing in positin $1 / \mathrm{c}$ cutting fitting and jointing with max phalt composition and cemen mortor $1: 1$ and testing with water presure to head of 4 Ft aboe the top of the heigh |  |  |  |
|  | 320 | 4"dia | 146.57 | P.Rft | 46902 |
|  | 320 | 6"dia | 199.25 | P.Rft | 63760 |
| 9 | 56 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& $\mathrm{I} / \mathrm{c}$ making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No.3). | 2042.43 | Each | 114376 |
| 10 | 0 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and I/c the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12) |  |  |  |
| I | 1480 | 1/2"dia | 73.21 | P.Rft | 108351 |
| ii | 1044 | 3/4"dia | 95.79 | P.Rft | 100005 |
| iii | 690 | 1"dia | 128.55 | P.Rft | 88700 |
| iv | 80 | 11/2" dia | 153.19 | P.Rft | 12255 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete |  |  |  |
|  | 400 | 1/2" ${ }^{\text {" }}$ dia | 7.82 | P.Rft | 3128 |
|  | 200 | 3/4" dia | 8.45 | P.Rft | 1690 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 20 | 1/2"dia | 161.92 | Each | 3238 |
|  | 20 | 3/4 dia | 227.92 | Each | 4558 |
| 13 | 12 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. $1 / 2^{\prime \prime}$ dia. | 877.80 | Each | 10534 |
| 14 | 12 | S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia. | 889.46 | Each | 10674 |
| 15 | 40 | S/F concelled stop cock of superior quality with crystal head head $1 / 2^{\prime \prime}$ dia (S.I No:11 (b) P-No:18). | 478.28 | Each | 19131 |
| 16 | 8 | S/F long bib cock of crystal head with c.p head1/2" dia (S.I No:13 (b) PNo:19). | 1109.46 | Each | 8876 |
| 17 | 4 | S./F wash been mixture of superior quality with c.p head $1 / 2^{\prime \prime}$ dia with crystal head (S.I No:16 (b) P-No:15). | 2882.00 | Each | 11528 |
| 18 | 4 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 3181 |
| 19 | 8 | Supplying \& fixing Bath room accessories set ( 7 pieces I/c towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | 8122.40 | Each | 64979 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| ii | 10 | 3/4" dia | 271.92 | Each | 2719 |
| iii | 4 | 1" dia | 365.42 | Each | 1462 |
| 21 | 0 | P/F in position fiber glass tank with approved design and wall thickness as specified I/c cost of nuts polts and fixinf in plate forum of c.c 1:3:6 and makng connections for inlate out late and over flow inlate out flow pipes etc complete (Si No:3 P-No: 18 |  |  |  |
| ii | 14 | 250 Gallon | 21989.61 | Each | 307855 |
| 22 | 12 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime}$ dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 2418 |
| 23 | 12 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock , Standard Pattern | 337.92 | Each | 4055 |
| 24 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| 1 | 0 | $1 / 2^{\prime \prime}$ dia | - |  |  |
| ii | 0 | 3/4" dia | 271.92 | Each | 0 |
| 25 | 630 | Boring for Tube Well | 160.00 | Each | 100800 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 12 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of $B B$ in cement motor $1: 3$ cement plaster 1:3, $1 / 2^{\prime}$ thick inside of walls and $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing Cl manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ $(457 \times 457 \mathrm{~mm})$ of 1.75 Cwt . ( 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 176976 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixingg in trench $i / c$ cutting fitting and jointing with " Z " joint with one rubber Ring $\mathrm{i} / \mathrm{c}$ testing with water to head of 122 metere or 400 ft . (S.I.No:3 Page No:23) |  |  |  |
|  | 300 | 3"dia | 137.00 | Each | 41100 |
|  | 300 | $4{ }^{\text {'"dia }}$ | 226.00 | Each | 67800 |
|  |  |  | TOTAL :- |  | 1625942 |

Amount Total (CSR)
Part "A"

Part "B"
\% Above / Below $\qquad$
\% Above / Below $\qquad$

Total Amount

Total Amount
$\qquad$
$\qquad$

Total "A+B"

## NON SCHEDULE ITEMS



1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=$ TOTAL $(\mathrm{A})+$ TOTAL $(\mathrm{B})$

CONTRACTOR


## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018
Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences

Near Shikarpur Phatak Golimar Road Sukkur
35187000
5\% on Bid
90 Days
10\%
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM

04 Months
(L) Liquidity Demages
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
( $n$ ) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(0) Tender Issued to (Mr. / M/S)


## BILL OF QUANTITIES

## Discription and Rate of Items based on Composite Schedule of Rates

## NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING SECONDAY / HIGH SECONDARY SCHOOLS @ GBHS NAURAJA, GBHS SANGI, GBHS JUNAS, TALUKA PANO AKIL (PACKAGE NO. 18).

| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 6968 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \%Cft | 379408 |
| 2 | 11563 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \% Cft | 148657 |
| 3 | 0 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 0 |
| 4 | 5439 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \%Cft | 71077 |
| 5 | 14032 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \%Cft | 16979 |
| 6 | 0 | Removing doors with chowkats (C.S.I No:33 (a) P-12). <br> Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 0 |
| 7 | 0 |  | 102.85 | Each | 0 |
| 8 | 20346 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 64624 |
| 9 | 96 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 9040 |
| 10 | 11645 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 1012527 |
| 11 | 18647 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P. 21 ). | 11948.36 | \%Cft | 2228011 |
| 12 | 7707 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ guage. (CS.L No:6 A (1) P. 17 ). | 337.00 | P.Cft | 2597259 |
| 13 | 0 | First Floor | 349.10 | P.Cft | 0 |
| 14 | 424 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | $5001.70$ | P.Cwt | 2118490 |
| 15 | 52014 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 593610 |
| 16 | 534 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 808 |
| 17 | 17593 |  | 3630.00 | \%0Cft | 63863 |
| 18 | 17638 | Extra Lead for one Mile | 579.41 | \%Cft | 102196 |
| 19 | 15050 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 1907491 |
| 20 | 0 | First Floor | 13112.86 | \%Cft | 0 |
| 21 | 5567 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: 52). | 12346.65 | \%Cft | 687338 |
| 22 | 14032 |  | 660.00 | \%Sft | 92611 |
| 23 | 14032 |  | 3015.76 | \%Sft | 423171 |
| 24 | 36892 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 814059 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 36892 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 810709 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 17180 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 221182 |


| Item <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 618 | Providing and fixing G.I frames/Chowkates $7^{\prime \prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for door using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 141460 |
| 28 | 1043 | Providing and fixing G.I frames /Chowkates 7 " 2 " or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio 1:6 and reparing the janbs. Cost also $\mathrm{i} / \mathrm{c}$ all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 250842 |
| 29 | 2626 | Suppling and fixing in position iron steel grill of $3 / 4^{\prime \prime} \times 1 / 4^{n}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 473993 |
| 30 | 1342 | First class deodar wood wrought joinery in doors and windos etcfied inosition $\mathrm{I} / \mathrm{c}$ in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4$ "only shutter (C.S.I No:7 (b) P. 58 ). | 902.93 | P.Sft | 1211732 |
| 31 | 8396 | Providing and lying $2^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Sft | 275011 |
| 32 | 15205 | Two coats of bitumen laid hot using 34"Lbs for 100sft over roof and blinded with sand at 1 Sft per 100 sft (C.S.I No:13 P.35). | 1887.40 | \%Sft | 286979 |
| 33 | 370 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 1423676 |
| 34 | 110 | S/F T.IIron at Site of Work | 3575.00 | P.Cwt | 393314 |
| 35 | 480 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 89263 |
| 36 | 6694 | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with34 Lbs. Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 11 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including $1: 2$ cement pointing underside of tiles complete including curing etc. (C.S.I No:1 P.33). | 11443.11 | \%Sft | 766002 |
| 37 | 0 | 2nd class tiles roofing consisting of 4"earth and 1 " mud plaster with leaping over $1 / 2^{\text {"thick cement plaster } 1: 6 \text { with } 34 \mathrm{lbs} \text { of hot bitumen coating sand }}$ blinded provided over one layer of 12 " $\times 6$ "x2"tiles laid in 1 " 6 cement mortor including $1: 2$ cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | 7607.25 | \%Sft | 0 |
| 38 | 1237 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 79.40 | P.Rft | 87085 |
| 39 | 2797 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. <br> (C.S.I No. 5 (f) Page No:16) | 14429.25 | \%Cft | 403586 |
| 40 | 801 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No:60 P-47). | 30509.77 | \%Sft | 244383 |
| 41 | 0 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} \mathrm{I} / \mathrm{c}$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also I/c locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 0 |
| 42 | 0 | Providing and laying cement ornamental cement jalli $2^{\prime \prime}$ thick 1:2:4 without steel (C.S.I No:11 P.18). | 226.02 | P.Sft | 0 |
| 43 | 1040 | Notice board made with cement (C.S.I No:1 P.95). | 58.11 | P.Sft | 60434 |
| 44 | 15 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P.18). | ${ }^{261.25}$ | Each | 3919 |
| 45 | 19792 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%Sft | 164264 |
| 46 | 44233 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 195842 |
| 47 | 54129 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 584404 |
| 48 | 10679 | Preparing the surface and painting with weather coat $1 / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 <br> (c) P. No. 56) | 2567.95 | \%Sft | 274231 |
| 49 | 7581 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 160445 |
| 50 | 11084 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 140859 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 3084 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 573747 |
| 52 | 5040 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | $223.97$ | P.Sft | 1128809 |
| 53 | 605 | Laying floor of approved with glazed tile $1 / 4^{\prime \prime}$ thick in white cement $1: 2$ over 3/4: thick cement mortor $1: 2$ complete (C.S.I No:24 P-43). | 27678.68 | \%Sft | 167456 |
| 54 | 3039 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor $3 / 4$ " thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 858624 |
| 55 | 5760 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 49530 |
| 56 | 420 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 746970 |
| 57 | 9120 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42). | 4411.82 | \%Sft | 402358 |
| 58 | 1237 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 38686 |
| 59 | 0 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 0 |
| 60 | 63 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 45783 |
| 61 | 0 | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 0 |
| 62 | 0 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). | 75.63 | \%Sft | 0 |
| 63 | 0 | P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes 1:2 gra $y$ cement mortor $3 / 4^{\prime \prime}$ thick I/c washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile. (C.S.I No: 61 P-48 ) | 47651.56 | \%Sft | 0 |
| 64 | 0 | Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 (c) P. No. 56) | 1328.13 | \%Sft | 0 |
|  |  |  | TOTAL :- |  | 26006797 |


| 1 | 24 |
| :--- | :---: |
| 2 | 24 |
| 3 | 24 |
| 4 | 0 |
| 5 | 42 |

PART "B"

| Item <br> No. | Quantities | $\quad$ Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :--- | :--- | :--- | :--- |
| 6 | 24 | P/F 6" x 4" c.c gully trap with 4" dia out let complte with 4" thick 1:2:4 c.c for <br> bed and 1/2" thick cement plaster 1:3 to the karb c.I caning 6" x $6^{\prime \prime}$ and c.I cover <br> (S.I No:1 (a-i) P-No:21). | 1193.17 | Each | 28636 |
| and frame 12" x 12" in side etc complete |  |  |  |  |  |


| Item *No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 18 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of BB in cement motor $1: 3$ cement plaster 1:3, $1 / 2^{\prime}$ thick inside of walls and $I^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing Cl manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ $(457 \times 457 \mathrm{~mm})$ of 1.75 Cwt . ( 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 265464 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixingg in trench $i / c$ cutting fitting and jointing with " Z " joint with one rubber Ring $\mathrm{i} / \mathrm{c}$ testing with water to head of 122 metere or 400 ft . (S.I.No:3 Page No:23) |  |  |  |
|  | 150 | 3"dia | 137.00 | Each | 20550 |
|  | 150 | 4'"dia | 226.00 | Each | 33900 |
|  |  |  | TOTAL :- |  | 1408352 |

Amount Total (CSR)

Part "A"

Part "B"
\% Above / Below $\qquad$
\% Above / Below $\qquad$

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018
Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
(j) Venue, Time and Date of Bid Opening
13.03.2018 at 02:00 PM
(k) Time for completion from written order of commences

04 Months
(L) Liquidity Demages
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(0) Tender Issued to (Mr. / M/S)


## BILL OF QUANTITIES

## NAME OF WORK :- REHABILITATION \& EXPANSION OF HIGH PRIORITY 4560 SCHOOLS (NON ADP) IN EXISTING SECONDAY / HIGH SECONDARY SCHOOLS @ GBHS MUBARAKPUR, GBHS HINGORO TALUKA PANO AKIL (PACKAGE NO. 19).

| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 1392 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \% Cft | 75794 |
| 2 | 2681 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 34468 |
| 3 | 1134 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 4288 |
| 4 | 454 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | \% Cft | 5933 |
| 5 | 8747 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \%Cft | 10584 |
| 6 | 0 | Removing doors with chowkats (C.S.I No:33 (a) P-12). <br> Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 0 |
| 7 | 0 |  | 102.85 | Each | 0 |
| 8 | 16012 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 50858 |
| 9 | 109 | Cement concrete brick or stone ballast 11/2" to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 10264 |
| 10 | 8448 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 734549 |
| 11 | 12556 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 1500236 |
| 12 | 5089 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ quage.(C.S.L No:6A(1) P.17). | 337.00 | P.Cft | 1714993 |
| 13 | 0 | First Floor | 349.10 | P.Cft | 0 |
| 14 | 273 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 1366895 |
| 15 | 19893 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 227029 |
| 16 | 1540 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). | 1512.50 | \%0Cft | 2329 |
| 17 | 3335 | Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 3630.00 | \%0Cft | 12106 |
| 18 | 12335 | Extra Lead for one Mile | 579.41 | \% Cft | 71470 |
| 19 | 8767 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 1111161 |
| 20 | 0 | First Floor | 13112.86 | \%Cft | 0 |
| 21 | 4994 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: 52). | 12346.65 | \%Cft | 616592 |
| 22 | 8294 |  | 660.00 | \%Sft | 54740 |
| 23 | 8294 |  | 3015.76 | \%Sft | 250127 |
| 24 | 27178 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 599710 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 27178 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 597242 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 13397 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 172478 |


| Item | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 295 | Providing and fixing G.I frames /Chowkates 7 " 2 " or $41 / 2^{\prime \prime} \times 3$ " for door using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 67526 |
| 28 | 675 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio 1:6 and reparing the janbs. Cost also $\mathrm{i} / \mathrm{c}$ all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 162338 |
| 29 | 1653 | Suppling and fixing in position iron steel grill of $3 / 4^{\prime \times} \times 1 / 4^{\text {" }}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 298367 |
| 30 | 587 | First class deodar wood wrought joinery in doors and windos etcfied inosition I/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4$ "only shutter (C.S.I No:7 (b) P.58). | 902.93 | P.Sft | 530020 |
| 31 | 14022 | Providing and lying $2^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Sft | 459291 |
| 32 | 13783 | Two coats of bitumen laid hot using 34"Lbs for 100sft over roof and blinded with sand at 1Sft per 100sft (C.S.I No:13 P.35). | 1887.40 | \%Sft | 260140 |
| 33 | 106 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 409405 |
| 34 | 72 | S/F T.Iron at Site of Work | 3575.00 | P.Cwt | 255645 |
| 35 | 178 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 33087 |
| 36 | 4392 | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 Lbs. Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 11 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including $1: 2$ cement pointing underside of tiles complete including curing etc. (C.S.I No: 1 P. 33). | 11443.11 | \%Sft | 502581 |
| 37 | 0 | 2nd class tiles roofing consisting of 4 "earth and 1 " mud plaster with leaping <br>  blinded provided over one layer of 12 " $\times 6$ "x2"tiles laid in 1 " 6 cement mortor including $1: 2$ cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | 7607.25 | \%Sft | 0 |
| 38 | 1183 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 83283 |
| 39 | 700 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. <br> (C.S.I No. 5 (f) Page No:16) | 14429.25 | \%Cft | 101005 |
| 40 | 267 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile, (C.S. I No:60 P-47). | $30509.77$ | \%Sft | 81461 |
| 41 | 0 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} 1 / \mathrm{c}$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1$ " $1 / 8^{\prime \prime}$ along with rollers also $1 / \mathrm{c}$ locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 0 |
| 42 | 0 | Providing and laying cement ornamental cement jalli 2 " thick 1:2:4 without steel (C.S.I No:11 P. 18). | 226.02 | P.Sft | 0 |
| 43 | 560 | Notice board made with cement (C.S.I No:1 P.95). | 58.11 | P.Sft | 32542 |
| 44 | 11 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P. 18). | 261.25 | Each | 2874 |
| 45 | 8371 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%Sft | 69475 |
| 46 | 28262 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 125130 |
| 47 | 33062 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 356954 |
| 48 | 10876 | Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 <br> (c) P. No. 56 ) | 2567.95 | \%Sft | 279290 |
| 49 | 3770 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 79789 |
| 50 | 0 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 0 |


| Item <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 1503 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 279618 |
| 52 | 250 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city $/$ guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 55993 |
| 53 | 376 | Laying floor of approved with glazed tile $1 / 4^{\prime \prime}$ thick in white cement 1:2 over 3/4: thick cement mortor 1:2 complete (C.S.I No:24 P-43). | 27678.68 | \%Sft | 104072 |
| 54 | 201 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor $3 / 4$ " thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 56790 |
| 55 | 4800 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 41275 |
| 56 | 130 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 231205 |
| 57 | 5080 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42). | 4411.82 | \%Sft | 224120 |
| 58 | 600 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 18764 |
| 59 | 0 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city $/$ guddra / cobble shape with pigmented having strength $\mathrm{b} / \mathrm{w} 5000 \mathrm{psi}$ to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 0 |
| 60 | 0 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 0 |
| 61 | 0 | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 0 |
| 62 | 0 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). | 75.63 | \%Sft | 0 |
| 63 | 0 | P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes $1: 2$ gra y cement mortor $3 / 4^{\prime \prime}$ thick $\mathrm{I} / \mathrm{c}$ washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: $61 \mathrm{P}-48$ ) | 47651.56 | \%Sft | 0 |
| 64 | 0 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 <br> (c) P. No. 56) | 1328.13 | \%Sft | 0 |
|  |  |  | TOTAL :- |  | 14425884 |
|  |  | PART "B" |  |  |  |
| 1 | 14 | Providing \& fixing squating type white glazed of flushe cisten with internal fitting\&flush pippe with bend and making requesite numbers of holes in wall plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C not less than 19" clear opening between flushing rims and 3 gallons flushing tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) | 4802.60 | Each | 67236 |
| 2 | 14 | Providing \& fixing $24^{\prime \prime} \times 18^{\prime \prime}$ lavatory basin in white glazed earthen ware complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain 1-1/4" dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth \& floor for pipe connection and making good in cement concrete 1: 2: 4 (Standard pattern). (S.I No:8 P-No:3). | 4253.70 | Each | 59552 |
| 3 | 14 | Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3). . | 938.47 | Each | 13139 |
| 4 | 0 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to match colour of the building. | 270.60 | Each | 0 |
| 5 | 24 | P/F in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with pair of brass nuts and lining joints to nyloon connection No:23 P-No:6). | 447.15 | Each | 10732 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 14 | P/F $6^{\prime \prime} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{\prime \prime}$ thick 1:2:4 c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb c.I caning $6^{\prime \prime} \times 6^{\prime \prime}$ and c.I cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 16704 |
| 7 | 0 | P/F 4"dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:1 P-No:9). | 333.29 | Each | 0 |
| 8 | 0 | RCC pipe with colar class " B " and didding the traches to the required depth an fixing in positin I/c cutting fitting and jointing with max phalt composition and cemen mortor $1: 1$ and testing with water presure to head of 4 Ft aboe the top of the heigh | , |  |  |
|  | 250 | 4"dia | 146.57 | P.Rft | 36643 |
|  | 250 | 6"dia | 199.25 | P.Rft | 49813 |
| 9 | 14 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& I/c making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No.3). | 2042.43 | Each | 28594 |
| 10 | 0 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and $I / c$ the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12) |  |  |  |
| I | 460 | 1/2"dia | 73.21 | P.Rft | 33677 |
| ii | 321 | 3/4"dia | 95.79 | P.Rft | 30749 |
| iii | 190 | 1"dia | 128.55 | P.Rft | 24425 |
| iv | 100 | $11 / 2^{\prime \prime}$ dia | 153.19 | P.Rft | 15319 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting $\mathrm{i} / \mathrm{c}$ making recess in the wall for pipe and making good in Cement motor etc Complete |  |  |  |
|  | 150 | $1 / 2^{\prime \prime}$ dia | 7.82 | P.Rft | 1173 |
|  | 100 | 3/4" dia | 8.45 | P.Rft | 845 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 10 | 1/2"dia | 161.92 | Each | 1619 |
|  | 10 | 3/4 dia | 227.92 | Each | 2279 |
| 13 | 2 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. $1 / 2^{\prime \prime}$ dia. | 877.80 | Each | 1756 |
| 14 | 2 | S/Fixing cancealed tee-stop cock of superir quality with c.p head $1 / 2^{\prime \prime}$ dia. | 889.46 | Each | 1779 |
| 15 | 24 | S/F concelled stop cock of superior quality with crystal head head $1 / 2^{\text {" }}$ dia (S.I No:11 (b) P-No:18). | 478.28 | Each | 11479 |
| 16 | 8 | S/F long bib cock of crystal head with c.p head1/2" dia (S.I No:13 (b) PNo:19). | 1109.46 | Each | 8876 |
| 17 | 5 | S./F wash been mixture of superior quality with c.p head $1 / 2^{\prime \prime}$ dia with crystal head <br> (S.I No:16 (b) P-No:15). | 2882.00 | Each | 14410 |
| 18 | 4 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 3181 |
| 19 | 2 | Supplying \& fixing Bath room accessories set (7 pieces I/c towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | 8122.40 | Each | 16245 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| ii | 3 | 3/4" dia | 271.92 | Each | 816 |
| iii | 1 | 1" dia | 365.42 | Each | 365 |
| 21 | 0 | P/F in position fiber glass tank with approved design and wall thickness as specified I/c cost of nuts polts and fixinf in plate forum of c.c I:3:6 and makng connections for inlate out late and over flow inlate out flow pipes etc complete (Si No:3 P-No: 18 |  |  |  |
| ii | 4 | 250 Gallon | 21989.61 | Each | 87958 |
| 22 | 2 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime}$ dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 403 |
| 23 | 2 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock , Standard Pattern | 337.92 | Each | 676 |
| 24 | 0 | P/F handle values (China) (S.1 No:7 P-No:14). |  |  |  |
| I | 0 | $1 / 2^{\prime \prime} \mathrm{dia}$ |  |  |  |
| ii | 0 | 3/4" dia | 271.92 | Each | 0 |
| 25 | 155 | Boring for Tube Well | 160.00 | Each | 24800 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 8 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of BB in cement motor $1: 3$ cement plaster 1:3, $1 / 2^{\prime}$ thick inside of walls and $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing Cl manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ $(457 \times 457 \mathrm{~mm})$ of 1.75 Cwt ( 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 117984 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixingg in trench $i / c$ cutting fitting and jointing with " Z " joint with one rubber Ring $\mathrm{i} / \mathrm{c}$ testing with water to head of 122 metere or 400 ft . (S.I.No:3 Page No:23) |  |  |  |
|  | 100 | 3"dia | 137.00 | Each | 13700 |
|  | 100 | 4'"dia | 226.00 | Each | 22600 |
|  |  |  | TOTAL :- |  | 719524 |

Amount Total (CSR)
Part "A"
\% Above / Below $\qquad$ Total Amount

Total Amount

Total "A+B"

## NON SCHEDULE ITEMS

| 1 | 6564 | Providing \& laying floor of Verona marble tiles of size $12^{\prime \prime} \times 12^{\prime \prime} \times 3 / 4 "$ fine <br> dressed on the surface without winding set in white cement laid over 3 / 4" <br> thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, <br> jointing and washing the tiles with slurry of white cement and pigment to match <br> the colour of titles, including curring, grinding, rubbing and chemical polishing <br> etc, complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. | P.Sft |  |  |
| :--- | :---: | :--- | :--- | :--- | :--- |
| 2 | 2 | S/F Chiiler for Cold water i/c Stablizer | P/F piston pump set 1 H.P single phase 220 valts with $1 / 1 / 4^{\prime \prime} \times 1 / 1 / 4^{\prime \prime}$ suction <br> and delivery (Local made) (Electric) | Each |  |
| 3 | 2 | Each |  |  |  |

1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=$ TOTAL $(\mathrm{A})+\operatorname{TOTAL}(\mathrm{B})$

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018 Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences

Executive Engineer, Education Works Division Sukkur

REPAIR / RENOVATION OF SCHOOL BUILDING AT GBPS NIHAL KHAN KHOSO \& GGPS NIHAL KHAN KHOSO TALUKA NEW SUKKUR (CDP 2017-18 PROGRAMME).

Near Shikarpur Phatak Golimar Road Sukkur
4250000
$5 \%$ on Bid
90 Days
10\%
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM

04 Months
(L) Liquidity Demages
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
( $n$ ) D.RNo. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(0) Tender Issued to (Mr. / M/S)

## BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

## NAME OF WORK :- REPAIR / RENOVATION OF SCHOOL BUILDING AT GBPS NIHAL KHAN KHOSO \& GGPS NIHAL KHAN KHOSO TALUKA NEW SUKKUR (CDP 2017-18 PROGRAMME).

| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULEITEMS |  |  |  |  |  |
| 1 | 571 | Dismentling cement concrete rainforced separaiting raiforecement from concrete clearing and straightnig the same (C.S.I No:20 P-10). | 5445.00 | \%Cft | 31091 |
| 2 | 1693 | Dismentling brick work in lime or cement plaster (C.SI No:13 P-10). | 1285.63 | \%Cft | 21766 |
| 3 | 341 | Dismentling 2nd Class tile roofing (C.S.I No:22 (b) P-11). | 378.13 | \%Sft | 1289 |
| 4 | 0 | Dismentling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10). | 1306.80 | $\% \mathrm{Cft}$ | 0 |
| 5 | 0 | Removing cement or lime plaster (C.S.I No:53 P-13). | 121.00 | \%Cft | 0 |
| 6 | 0 | Removing doors with chowkats (C.S.I No:33 (a) P-12). <br> Removing window with sky light with chowkat (C.S.I No:33 (b) P-12). | 142.18 | Each | 0 |
| 7 | 0 |  | 102.85 | Each | 0 |
| 8 | 383 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 1217 |
| 9 | 32 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 3013 |
| 10 | 611 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 53126 |
| 11 | 661 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 78979 |
| 12 | 364 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ guage. (C.S.L No:6A(1) P.17). | 337.00 | P.Cft | 122668 |
| 13 | 0 | First Floor | 349.10 | P.Cft | 0 |
| 14 | 18 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 90971 |
| 15 | 0 | Supplying and filling sand under floor and pluggling in walls .(C.S.I No:29 P.26). | 1141.25 | \%Cft | 0 |
| 16 | 0 | Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 1512.50 | \%0Cft | 0 |
| 17 | 20000 |  | 3630.00 | \%0Cft | 72600 |
| 18 | 20000 | Extra Lead for one Mile | 579.41 | \%Cft | 115882 |
| 19 | 2120 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \% Cf | 268696 |
| 20 | 0 | First Floor | 13112.86 | \%Cft | 0 |
| 21 | 0 | Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) <br> Applying \& Flooting coat of cement $1 / 32^{\prime \prime}$ thick (C.S.I No:14 P-53). <br> Cement plaster upto $20^{\prime}$ height $3 / 4^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (c) Page No: <br> 52). | 12346.65 | \%Cft | 0 |
| 22 | 0 |  | 660.00 | \%Sft | 0 |
| 23 | 0 |  | 3015.76 | \%Sft | 0 |
| 24 | 4396 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 97002 |
|  | 0 | First Floor | 2309.10 | \%Sft | 0 |
| 25 | 4396 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 96603 |
|  | 0 | First Floor | 2300.02 | \%Sft | 0 |
| 26 | 1773 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%Sft | 22826 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 210 | Providing and fixing G.I frames /Chowkates 7 " $2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for door using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 48069 |
| 28 | 85 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio $1: 6$ and reparing the janbs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | 240.50 | P.Rft | 20443 |
| 29 | 106 | Suppling and fixing in position iron steel grill of $3 / 4^{\prime \prime} \times 1 / 4^{\prime \prime}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 19133 |
| 30 | 215 | First class deodar wood wrought joinery in doors and windos etcfied inosition $1 / \mathrm{c}$ in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4$ "only shutter (C.S.I No:7 (b) P.58). | 902.93 | P.Sft | 194130 |
| 31 | 0 | Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42) . | 3275.50 | \%Sft | 0 |
| 32 | 0 | Two coats of bitumen laid hot using 34"Lbs for 100sft over roof and blinded with sand at 1 Sft per 100 sft (C.S.I No:13 P.35). | $1887.40$ | \%Sft | 0 |
| 33 | 30 | S/F Girder at Site of Work | 3850.00 | P.Cwt | 116112 |
| 34 | 25 | S/F T.Iron at Site of Work | 3575.00 | P.Cwt | 88939 |
| 35 | 55 | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 10239 |
| 36 | 0 | First class tile roofing consisting of $4^{"}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 Lbs . Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 1 \quad 1 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including 1:2 cement pointing underside of tiles complete including curing etc. (C.S.I No:1 P.33). | 11443.11 | \%Sft | 0 |
| 37 | 1784 | 2nd class tiles roofing consisting of 4 "earth and $1^{"}$ mud plaster with leaping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12 " $\times 6$ "x2"tiles laid in 1 " 6 cement mortor including $1: 2$ cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | 7607.25 | \%Sft | 135713 |
| 38 | 0 | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 0 |
| 39 | 614 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16) | $14429.25$ | \% Cft | 88596 |
| 40 | 220 | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and aptern of STILE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile, (C.S.I $\mathrm{No}: 60 \mathrm{P}-47$ ). | 30509.77 | \%Sft | 67121 |
| 41 | 0 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} I / \mathrm{c}$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also $1 / \mathrm{c}$ locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | ${ }^{0}$ |
| 42 | 0 | Providing and laying cement ornamental cement jalli 2" thick 1:2:4 without steel (C.S.I No:11 P. 18). | 226.02 | P.Sft | 0 |
| 43 | 64 | Notice board made with cement (C.S.I No:I P.95). | 58.11 | P.Sft | 3719 |
| 44 | 12 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P.18). | 261.25 | Each | 3135 |
| 45 | 1128 | White wash three coats (C.S.I No:26 (c) P-54). | 829.95 | \%Sft | 9362 |
| 46 | 5925 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 26233 |
| 47 | 5925 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 63969 |
| 48 | ${ }^{0}$ | Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 (c) P. No. 56) | 2567.95 | \%Sft | ${ }^{0}$ |
| 49 | 538 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | 2116.41 | \%Sft | 11386 |
| 50 | 1224 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 15555 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 51 | 282 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 52463 |
| 52 | 0 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city $/$ guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 0 |
| 53 | 0 | Laying floor of approved with glazed tile $1 / 4^{\prime \prime}$ thick in white cement $1: 2$ over 3/4: thick cement mortor $1: 2$ complete (C.S.I No:24 P-43). | 27678.68 | \%Sft | 0 |
| 54 | 0 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor $3 / 4$ " thick including finishing (C.S.I No:37 P-45). | 28253.51 | \%Sft | 0 |
| 55 | 0 | Colour washing two coats (C.S.I No:25 (b) P-54). | 859.90 | \%Sft | 0 |
| 56 | 0 | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) | 1778.50 | P.Sft | 0 |
| 57 | 0 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42). | 4411.82 | \%Sft | 0 |
| 58 | 0 | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) | 3127.41 | \%Sft | 0 |
| 59 | 1272 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city / guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). | 223.97 | P.Sft | 284890 |
| 60 | 0 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 0 |
| 61 | 0 | Single Layer Tiles $9^{\prime \prime} \times 41^{\prime \prime} 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). | 5310.35 | \%Sft | 0 |
| 62 | 0 | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). <br> P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes 1:2 gra y cement mortor $3 / 4^{\prime \prime}$ thick $\mathrm{I} / \mathrm{c}$ washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: 61 P-48 ) | 75.63 | \%Sft | 0 |
| 63 | 0 |  | 47651.56 | \%Sft | 0 |
| 63 | 0 | Preparing the surface and painting with weather coat $\mathrm{I} / \mathrm{c}$ rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 (c) P. No. 56) | 1328.13 | \%Sft | 0 |
|  |  |  | TOTAL:- |  | 2336937 |
| PART "B" |  |  |  |  |  |
| 1 | 2 | Providing \& fixing squating type white glazed of flushe cisten with internal fitting\&flush pippe with bend and making requesite numbers of holes in wall plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C not less than $19^{\prime \prime}$ clear opening between flushing rims and 3 gallons flushing tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) | 4802.60 | Each | 9605 |
| 2 | 2 | Providing \& fixing $24^{\prime \prime} \times 18^{\prime \prime}$ lavatory basin in white glazed earthen ware complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain 1-1/4" dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth \& floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (S.I No:8 P-No:3). | $4253.70$ | Each | 8507 |
| 3 | 2 | Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3). . | 938.47 | Each | 1877 |
| 4 | 2 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to match colour of the building. | 270.60 | Each | 541 |
| 5 | 4 | $\mathrm{P} / \mathrm{F}$ in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with pair of brass nuts and lining joints to nyloon connection <br> No:23 P-No:6). | 447.15 | Each | 1789 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 2 | P/F $6^{\prime \prime} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{\prime \prime}$ thick 1:2:4 c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb c.I caning $6^{\prime \prime} \times 6^{\prime \prime}$ and c.I cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 2386 |
| 7 | 0 | P/F 4"dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:1 P-No:9). | 333.29 | Each | 0 |
| 8 | 0 | RCC pipe with colar class " B " and didding the traches to the required depth an fixing in positin I/c cutting fitting and jointing with max phalt composition and cemen mortor $1: 1$ and testing with water presure to head of 4 Ft aboe the top of the heigh |  |  |  |
|  | 20 | 4"dia | 146.57 | P.Rft | 2931 |
|  | 20 | 6"dia | 199.25 | P.Rft | 3985 |
| 9 | 8 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& $\mathrm{I} / \mathrm{c}$ making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No.3). | 2042.43 | Each | 16339 |
| 10 | 0 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and $\mathrm{I} / \mathrm{c}$ the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12) |  |  |  |
| I | 180 | 1/2"dia | 73.21 | P.Rft | 13178 |
| ii | 120 | 3/4"dia | 95.79 | P.Rft | 11495 |
| iii | 95 | 1 "dia | 128.55 | P.Rft | 12212 |
| iv | 0 | $11 / 2^{\prime \prime}$ dia | 153.19 | P.Rft | 0 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting $\mathrm{i} / \mathrm{c}$ making recess in the wall for pipe and making good in Cement motor etc Complete |  |  |  |
|  | 0 | $1 / 2^{\prime \prime}$ dia | 7.82 | P.Rft | 0 |
|  | 0 | 3/4" dia | 8.45 | P.Rft | 0 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 2 | 1/2"dia | 161.92 | Each | 324 |
|  | 2 | 3/4 dia | 227.92 | Each | 456 |
| 13 | 2 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. $1 / 2^{\prime \prime}$ dia. | 877.80 | Each | 1756 |
| 14 | 2 | S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia. | 889.46 | Each | 1779 |
| 15 | 4 | S/F concelled stop cock of superior quality with crystal head head $1 / 2^{\prime \prime}$ dia (S.I No:11 (b) P-No:18). | 478.28 | Each | 1913 |
| 16 | 0 | S/F long bib cock of crystal head with c.p head1/2" dia (S.I No:13 (b) PNo:19). | 1109.46 | Each | 0 |
| 17 | 0 | S./F wash been mixture of superior quality with c .p head $1 / 2^{\prime \prime}$ dia with crystal head <br> (S.I No:16 (b) P-No:15). | 2882.00 | Each | 0 |
| 18 | 0 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 0 |
| 19 | 0 | Supplying \& fixing Bath room accessories set ( 7 pieces I/c towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | 8122.40 | Each | 0 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| ii | 1 | 3/4" dia | 271.92 | Each | 272 |
| iii | 0 | $1^{\prime \prime}$ dia | 365.42 | Each | 0 |
| 21 | 0 | $\mathrm{P} / \mathrm{F}$ in position fiber glass tank with approved design and wall thickness as specified I/c cost of nuts polts and fixinf in plate forum of c.c I:3:6 and makng connections for inlate out late and over flow inlate out flow pipes etc complete (Si No:3 P-No: 18 |  |  |  |
| ii | 1 | 250 Gallon | 21989.61 | Each | 21990 |
| 22 | 2 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime}$ dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 403 |
| 23 | 2 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock , Standard Pattern | 337.92 | Each | 676 |
| 24 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| I | 0 | 1/2" dia |  |  |  |
| ii | 0 | 3/4" dia | 271.92 | Each | 0 |
| 25 | 105 | Boring for Tube Well | 160.00 | Each | 16800 |


| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 2 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of BB in cement motor $1: 3$ cement plaster $1: 3,1 / 2^{\prime}$ thick inside of walls and $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing Cl manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ $(457 \times 457 \mathrm{~mm})$ of 1.75 Cwt . ( 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 29496 |
| 27 | 0 | Providing PVC Pipes of class D equalvalent make) fixinbg in trench $i / c$ cutting fitting and jointing with " Z " joint with one rubber Ring i/c testing with water to head of 122 metere or 400 ft . (S.I.No:3 Page No:23) |  |  |  |
|  | 50 | 3"dia | 137.00 | Each | 6850 |
|  | 50 | 4'"dia | 226.00 | Each | 11300 |
| Amount Total (CSR) |  |  | TOTAL :- |  | 178860 |
|  |  |  | - |  |  |
| Part "A" |  | \% Above / Below | Total Amount |  |  |
| Part "B" |  | \% Above / Below | Total Amount |  |  |
|  |  |  | Total " $\mathrm{A}+\mathrm{B}$ " |  |  |

NON SCHEDULE ITEMS

| 1 | 6336 | Providing \& laying floor of Verona marble tiles of size $12^{\prime \prime} \times 12^{\prime \prime} \times 3 / 4$ fine <br> dressed on the surface without winding set in white cement laid over 3 / "" <br> thick bed of $1: 2$ grey cement mortar setting the tiles with grey cement slurry, <br> jointing and washing the tiles with slurry of white cement and pigment to match <br> the colour of titles, including curring, grinding, rubbing and chemical polishing <br> etc, complete i/c cutting tiles to proper profile. | P.Sft |  |  |
| :---: | :---: | :--- | :--- | :--- | :--- |
| 2 | 1 | S/F Chiiler for Cold water i/c Stablizer | P/F piston pump set 1 H.P single phase 220 valts with $1 / 1 / 4^{\prime \prime} \times 1 / 1 / 4^{\prime \prime}$ suction <br> and delivery (Local made) (Electric) | Each |  |
| 3 | 1 | TOTAL:- |  |  |  |

Cost of Bid
Amount
Position

1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=$ TOTAL $(\mathrm{A})+$ TOTAL $(\mathrm{B})$

## CONTRACTOR

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018
Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences
(L) Liquidity Demages
13.03.2018 at 02:00 PM

Near Shikarpur Phatak Golimar Road Sukkur
25000000
5\% on Bid
90 Days
10\%
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM

04 Months
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
( $n$ ) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(o) Tender Issued to (Mr. / M/S)

## BILL OF QUANTITIES

## NAME OF WORK :- ESTABLISHMENT OF GOVERNMENT DEGREE COLLEGES IN SINDH 2007-08 PROGRAMME @ GOVERNMENT GIRLS DEGREE COLLEGE PANO AKIL (MAIN BUILDINGS REMAING WORK)

| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 4516 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 14344 |
| 9 | 7518 | Cement concrete brick or stone ballast 11/2" to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 707916 |
| 10 |  | Cement concrete brick or stone ballast 11/2" to $2^{\prime \prime}$ guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | 8694.95 | \%Cft | 0 |
| 11 | 2758 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 329536 |
| 12 | 1241 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ | 337.00 | P.Cft | 418217 |
| 13 | 6751 | First Floor | 349.10 | P.Cft | 2356774 |
| 14 | 428 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 2141438 |
| 15 | 6354 | P.26). <br> Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft . (C.S.I No: 21 P.4). <br> Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5 ft . (C.S.I No: 22 P.4). | 1141.25 | \% Cft | 72515 |
| 16 |  |  | 1512.50 | \%0Cft | 0 |
| 17 | 36150 |  | 3630.00 | \%0Cft | 131225 |
| 18 | 42504 | Extra Lead for three Mile | 579.41 | \%Cft | 246272 |
| 19 | 1474 | Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21) | 12674.36 | \%Cft | 186820 |
| 20 | 5638 | First Floor | 13112.86 | \%Cft | 739303 |
| 21 |  | Pacca brick work other then building including stricking of joints up to feetheight (C.S.I No: 7 (e) Page No: 22)Applying \& Flooting coat of cement 1/32" thick (C.S.I No:14P-53).Cement plaster upto 20' height $3 / 4^{\prime \prime}$ thick rario $1: 4$ (C.S.I No: 11 (c) Page No:52 ). | 12346.65 | \% Cft | 0 |
| 22 |  |  | 660.00 | \%Sft | 0 |
| 23 |  |  | 3015.76 | \%Sft | 0 |
| 24 | 38299 | Cement plaster upto 20' height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52). | 2206.60 | \%Sft | 845106 |
|  | 19048 | First Floor | 2309.10 | \%Sft | 439837 |
| 25 | 38299 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%sft | 841628 |
|  | 19048 | First Floor | 2300.02 | \%Sft | 438108 |
| 26 | 750 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53) | 1287.44 | \%sft | 9656 |
| 27 | 284 | Providing and fixing G.I frames /Chowkates $7^{\prime \prime \prime} 2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for door using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and reparing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93). | 228.90 | P.Rft | 65008 |
| 28 | 534 | Providing and fixing G.I frames /Chowkates 7 " $2^{\prime \prime}$ or $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ for windows using 20 guage G.I sheet $\mathrm{i} / \mathrm{c}$ welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio 1:6 and reparing the janbs. Cost also $\mathrm{i} / \mathrm{c}$ all carrage tools and plants used in making and fixing (C.S.I No:28 P.93). | $240.50$ | P.Rft | 128427 |


| Item <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 29 | 1003 | Suppling and fixing in position iron steel grill of $3 / 4^{\prime \prime} \times 1 / 4^{\prime \prime}$ size flate iron of approved design I/c painting three coats etccomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93). | 180.50 | P.Sft | 181042 |
| 30 | 1994 | First class deodar wood wrought joinery in doors and windos etcfied inosition I/c in chwoakts holds fasts hings iron tower bolts chowks, cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed $1 / 3 / 4^{\text {"only }}$ shutter (C.S.I No:7 (b) P. 58 ). | 902.93 | P.Sft | 1800442 |
| 31 | 21447 | Providing and lying $2^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42). | 3275.50 | \%Sft | 702496 |
| 32 | 7328 | Two coats of bitumen laid hot using 34"Lbs for 100sft over roof and blinded with sand at 1Sft per 100sft (C.S.I No:13 P.35). | 1887.40 | \%Sft | 138309 |
| 33 |  | S/F Girder at Site of Work | 3850.00 | P.Cwt | 0 |
| 34 |  | S/F T.Iron at Site of Work | 3575.00 | P.Cwt | 0 |
| 35 |  | Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91). | 186.04 | P.Cwt | 0 |
| 36 |  | First class tile roofing consisting of $4^{\prime \prime}$ earth and $1^{\prime \prime}$ mud plaster with Gobri leeping over $1 / 2^{\prime \prime}$ thick cement plaster $1: 6$ with 34 Lbs. Of hot bitumen coating sand blinded provided over 2 layers of tiles $12^{\prime \prime} \times 6^{\prime \prime} \times 11 / 4^{\prime \prime}$ laid in $1: 6$ cement mortar with $1 / 2^{\prime \prime}$ thick sand wiched layer of $1: 6$ cement mortar including 1:2 cement pointing underside of tiles complete including curing etc. (C.S.I No:1 P.33). | $11443.11$ | \%Sft | 0 |
| 37 |  | 2nd class tiles roofing consisting of 4 "earth and 1 " mud plaster with leaping over $1 / 2^{\prime \prime}$ thick cement plaster 1:6 with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12 " $\times 6$ " $\times 2$ "tiles laid in 1 " 6 cement mortor including $1: 2$ cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33). | 7607.25 | \%Sft | 0 |
| 38 |  | Supplying and fixing broden glasses on courtyard walls including 1:3:6 cement concrete coping. (C.S.I No: 61 Page No: 105). | 70.40 | P.Rft | 0 |
| 39 | 2046 | Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. <br> (C.S.I No. 5 (f) Page No:16) | 14429.25 | \%Cft | 295222 |
| 40 |  | Providing and laying tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of $1: 2$ grey cement mortar $3 / 4^{\prime \prime}$ thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile, (C.S. I No:60 P-47). | 30509.77 | \%Sft | 0 |
| 41 | 96 | Providing and fixing iron collapsible gate with channel framing of section $3 / 4^{\prime \prime}$ $\times 5 / 16^{\prime \prime}$ at $4^{\prime \prime} I / c$ revitted with $3 / 4^{\prime \prime} \times 1 / 8^{\prime \prime}$ flat iron patti placed diagonally and provided with top \& bottom T- section $1^{\prime \prime} \times 1^{\prime \prime} 1 / 8^{\prime \prime}$ along with rollers also $\mathrm{I} / \mathrm{c}$ locking arrangement and fixing in floor/ceiling or wall etc: completed. (C.S.I No:32 P-94). | 387.04 | P.Sft | 37156 |
| 42 | 480 | Providing and laying cement ornamental cement jalli 2" thick 1:2:4 without steel (C.S.I No:11 P.18). | 226.02 | P.Sft | 108490 |
| 43 | 720 | Notice board made with cement (C.S.I No:1 P.95). | 58.11 | P.Sft | 41839 |
| 44 | 25 | Rain forcement concrete spout including fixing in position $21 / 2^{\prime \prime} \times 6^{\prime \prime} \times 5^{\prime \prime}$ (C.S.I No:14 P.18). | 261.25 | Each | 6531 |
| 45 | 20897 | White wash three coats (C.S.I I No:26 (c) P-54). | 829.95 | \%Sft | 173435 |
| 46 | 57347 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 253904 |
| 47 | 57347 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 619147 |
| 48 |  | Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. Three coats (CSI No. 38 <br> (c) P. No. 56) | 2567.95 | \%Sft | 0 |
| 49 | 5265 | Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76). | $\begin{array}{r} 2116.41 \\ \hline \end{array}$ | \%Sft | 111429 |
| 50 |  | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 0 |
| 51 | 885 | Providing and fixing $3 / 8^{\prime \prime}$ thick marble tiles of approved quality and coloum shade size $8^{\prime \prime} \times 4 / 6^{\prime \prime} \times 4^{\prime \prime}$ in dado skitring and facing removal / tucking of exiting plaster surface etc over $1 / 2^{\prime \prime}$ thick base of cement mortor $1: 3$ setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49). | 186.04 | P.Sft | 164645 |
| 52 | 2400 | P/F Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. $74 \mathrm{P}-50$ ). | 223.97 | P.Sft | 537528 |


| Item No. | Quantities | Description of item to be executed at site |
| :---: | :---: | :---: |
| 53 | 914 | Laying floor of approved with glazed tile $1 / 4^{\prime \prime}$ thick in white cement $1: 2$ over 3/4: thick cement mortor 1:2 complete (C.S.I No:24 P-43). |
| 54 | 2064 | White glazed tile $14^{\prime \prime}$ thick dado jointed in white cement and laid over 1:2 cement sand mortor $3 / 4$ " thick including finishing (C.S.I No:37 P-45). |
| 55 |  | Colour washing two coats (C.S.I No:25 (b) P-54). |
| 56 |  | Providing \& fixing deodar almirah $9^{\prime \prime}-12^{\prime \prime}$ depth including boxing with back shelves shutters brass fitting complete (CSI No. 23 P-61) |
| 57 | 4383 | Providing and lying $3^{\prime \prime}$ thick topping cement concrete 1:2:4. Including surface finishing dividing into panels (C.S.I No:16 (d) P-42) . |
| 58 |  | Errection and removal of cuttering for R.C.C or plain Cemnet concrete work for partial wood vertical (C.S.I No. 19 (b) Page No: 18) |
| 59 |  | $\mathrm{P} / \mathrm{F}$ Fixing paving blocks flooring having size of $197 \times 97 \times 80(\mathrm{~mm})$ of city $/$ guddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi $\mathrm{i} / \mathrm{c}$ filling the joints with hill sand and laying in specified manner / pattern and design etc complete (C.S.I No. 74 P-50). |
| 60 |  | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) |
| 61 |  | Single Layer Tiles $9^{\prime \prime} \times 41 / 12^{\prime \prime} \times 2^{\prime \prime}$ laid over $4^{\prime \prime}$ earth $1^{\prime \prime}$ mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34). |
| 62 |  | Scrapign white wash or colour wash (C.S.I No:54 (a) P-13). |
| 63 | 825 | P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes $1: 2$ gra y cement mortor $3 / 4^{\prime \prime}$ thick $\mathrm{I} / \mathrm{c}$ washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: 61 P-48 ) |
| 64 |  | Preparing the surface and painting with weather coat I/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk/ plaster of Paris and then painting with weather coat of approved make. One coats (CSI No. 38 (c) P. No. 56) |


| Rate | Units | Amount |
| :---: | :---: | :---: |
| 27678.68 | $\% \mathrm{Sft}$ | 252983 |
| 28253.51 | $\% \mathrm{Sft}$ | 583152 |
| 859.90 | $\% \mathrm{Sft}$ | 0 |
| 1778.50 | P.Sft | 0 |
| 4411.82 | $\% \mathrm{Sft}$ | 193370 |
| 3127.41 | $\% \mathrm{Sft}$ | 0 |
| 223.97 | P.Sft | 0 |
| 726.72 | P.Sft | 0 |
| 5310.35 | $\% \mathrm{Sft}$ | 0 |
| 77651.56 | $\% \mathrm{Sft}$ | 393125 |

## PART "B"

| 1 | 10 |
| :---: | :---: |
| 2 | 9 |
| 3 | 7 |
| 4 | 4 |
| 5 | 16 |
| 6 | 11 |
| 7 | 2 |
| 8 | 0 |
|  | 140 |
|  | 160 |


| Providing \& fixing squating type white glazed of flushe cisten with internal fitting\&flush pippe with bend and making requesite numbers of holes in wall plinth \& floor for pipe conection \& making good in cement concrete 1:2:4. W.C not less than 19" clear opening between flushing rims and 3 gallons flushing tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1) | 4802.60 | Each | 48026 |
| :---: | :---: | :---: | :---: |
| Providing \& fixing $24^{\prime \prime} \times 18^{\prime \prime}$ lavatory basin in white glazed earthen ware complete with \& I/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of $1 / 2^{\prime \prime}$ dia rubber plug \& chrome plate brass chain 1-1/4" dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth \& floor for pipe connection and making good in cement concrete 1: 2: 4 (Standard pattern). (S.I No:8 P-No:3). | 4253.70 | Each | 38283 |
| Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3). . | 938.47 | Each | 6569 |
| Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime} \times 4^{\prime \prime}$ dia. C.I branchen of the required degree with access dooors, rubber washer $1 / 8^{\prime \prime}$ thick and bolts and nuts and extra painting to match colour of the building. | 270.60 | Each | 1082 |
| P/F in position nyloon connections complete with $1 / 2^{\prime \prime}$ dia brass stop cock with pair of brass nuts and lining joints to nyloon connection <br> No:23 P-No:6). | 447.15 | Each | 7154 |
| P/F $6^{\prime \prime} \times 4^{\prime \prime}$ c.c gully trap with $4^{\prime \prime}$ dia out let complte with $4^{\prime \prime}$ thick 1:2:4 c.c for bed and $1 / 2^{\prime \prime}$ thick cement plaster $1: 3$ to the karb c.I caning $6^{\prime \prime} \times 6^{\prime \prime}$ and c.I cover and frame $12^{\prime \prime} \times 12^{\prime \prime}$ in side etc complete <br> (S.I No:1(a-i) P-No:21). | 1193.17 | Each | 13125 |
| P/F 4"dia C.I soil and vent pipes including cutting and fitting and extra painting to match the colour of the building (S.I No:1 P-No:9). | 333.29 | Each | 667 |
| RCC pipe with colar class " B " and didding the traches to the required depth an fixing in positin I/c cutting fitting and jointing with max phalt composition and cemen mortor $1: 1$ and testing with water presure to head of 4 Ft aboe the top of the heigh |  |  |  |
| 4"dia | 146.57 | P.Rft | 20520 |
| 6"dia | 199.25 | P.Rft | 31880 |


| $\begin{aligned} & \text { Item } \\ & \text { No. } \end{aligned}$ | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | 34 | Providing \& fixing $6^{\prime \prime} \times 2^{\prime \prime}$ or $6^{\prime \prime} \times 3^{\prime \prime}$ C.I floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with \& $\mathrm{I} / \mathrm{c}$ making requisite number of holes in walls, plinth \& floor for Pipe connections \& making good cement concrete 1:2:4. (S.I No.. 20 Page No.3). | 2042.43 | Each | 69443 |
| 10 | 8 | Providing G.I Pipes, specials, and clamps etc, including fixing cutting \& fitting complete with and $\mathrm{I} / \mathrm{c}$ the cost of breaking thorugh walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colours of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12) |  |  |  |
| 1 | 510 | 1/2"dia | 73.21 | P.Rft | 37337 |
| ii | 562 | 3/4"dia | 95.79 | P.Rft | 53834 |
| iii | 340 | 1 "dia | 128.55 | P.Rft | 43707 |
| iv | 165 | $11 / 2^{\prime \prime}$ dia | 153.19 | P.Rft | 25276 |
| 11 | 0 | Add : Extra labor for concealed G.I pipe and Fitting $\mathrm{i} / \mathrm{c}$ making recess in the wall for pipe and making good in Cement motor etc Complete |  |  |  |
|  | 250 | 1/2" dia | 7.82 | P.Rft | 1955 |
|  | 150 | 3/4" dia | 8.45 | P.Rft | 1268 |
| 12 | 0 | Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechnical works (S.I No:4 (b) P-No:17). |  |  |  |
|  | 8 | 1/2"dia | 161.92 | Each | 1295 |
|  | 10 | 3/4 dia | 227.92 | Each | 2279 |
| 13 | 4 | Supplying \& Fixing swan type piller cock of Superior quality with crystal head. $1 / 2^{\prime \prime}$ dia. | 877.80 | Each | 3511 |
| 14 | 4 | S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia. | 889.46 | Each | 3558 |
| 15 | 22 | $\mathrm{S} / \mathrm{F}$ concelled stop cock of superior quality with crystal head head $1 / 2^{\text {" }}$ dia (S.I No:11 (b) P-No:18). | 478.28 | Each | 10522 |
| 16 | 10 | S/F long bib cock of crystal head with c.p head 1/2" dia (S.I No:13 (b) PNo:19). | 1109.46 | Each | 11095 |
| 17 | 3 | S./F wash been mixture of superior quality with c.p head $1 / 2^{\prime \prime}$ dia with crystal head (S.I No:16 (b) P-No:15). | 2882.00 | Each | 8646 |
| 18 | 3 | S/F Swan type Pillars Cock of supreior quality with arvstal Head. | 795.30 | Each | 2386 |
| 19 | , | Supplying \& fixing Bath room accessories set (7 pieces I/c towel rod, brush hloder, soap tray, shelf of approved quality and design etc complete. (Si No: 22 P-No:19) | 8122.40 | Each | 32490 |
| 20 | 0 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| ii | 4 | 3/4" dia | 271.92 | Each | 1088 |
| iii | 3 | $1^{\prime \prime}$ dia | 365.42 | Each | 1096 |
| 21 | 0 |  |  |  |  |
| ii | 6 | 250 Gallon | 21989.61 | Each | 131938 |
| 22 | 3 | Providing \& fixing $4^{\prime \prime} \times 4^{\prime \prime}$ dia plain C.I branch of the required degree including extra painting to match the colour of the building. | 201.50 | Each | 605 |
| 23 | 4 | Supplying and fixing in position brass bib cocks $1 / 2^{\prime \prime}$ dia brass bib cock , Standard Pattern | 337.92 | Each | 1352 |
| 24 | 2 | P/F handle values (China) (S.I No:7 P-No:14). |  |  |  |
| I | 0 | $1 / 2^{\prime \prime}$ dia |  |  |  |
| ii | 0 | 3/4" dia | 271.92 | Each | 0 |
| 25 | 155 | Boring for Tube Well | 160.00 | Each | 24800 |
| 26 | 5 | Constructiong manhole or inspectionchamb er for the required dia of circular sewer and $3^{\prime}-6^{\prime \prime}(1067 \mathrm{~mm})$ dpth with walls of BB in cement motor $1: 3$ cement plaster $1: 3,1 / 2^{\prime}$ thick inside of walls and $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ thick over benchingh and channel $\mathrm{i} / \mathrm{c}$ fixing Cl manhole cover with fram of clear opening $1-1 / 2^{\prime} \times 1 ., 1 / 2^{\prime}$ $(457 \times 457 \mathrm{~mm})$ of 1.75 Cwt . 88.9 Kg ) embedded in plain C.C 1:2:4 and fixing $\mathrm{I}^{\prime \prime}(25 \mathrm{~mm})$ dia M.S steps $6^{\prime}(150 \mathrm{~mm})$ waide projecting $4^{\prime \prime}(102 \mathrm{~mm})$ from the face of wall at $12^{\prime \prime}(305 \mathrm{~mm})$ C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE) | 14748 | Each | 73740 |
| 27 | 2 | Providing PVC Pipes of class D equalvalent makee fixinbg in trench i/c cutting fitting and jointing with "Z" joint with one rubber Ring i/c testing with water to head of 122 metere or400ft. (S.I. No:3 Page No:23) |  |  |  |
|  | 150 | 3"dia | 137.00 | Each | 20550 |
|  | 135 | 4"dia | 226.00 | Each | 30510 |
|  |  |  | TOTAL:- |  | 761586 |


| Item <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :--- | :--- | :--- | :--- | :--- | :--- |

Amount Total (CSR)
$\qquad$ Total Amount $\qquad$
$\qquad$ Total Amount

NON SCHEDULE ITEMS

| 1 | 13783 | Providing \& laying floor of Verona marble tiles of size $12^{\prime \prime} \times 12^{\prime \prime} \times 3 / 4 "$ fine <br> dressed on the surface without winding set in white cement laid over 3 / 4" <br> thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, <br> jointing and washing the tiles with slurry of white cement and pigment to match <br> the colour of titles, including curring, grinding, rubbing and chemical polishing <br> etc, complete $/ \mathrm{c}$ cutting tiles to proper profile. | P.Sft |  |  |
| :---: | :---: | :--- | :---: | :---: | :---: |
| 2 | 1 | S/F Chiiler for Cold water i/c Stablizer |  | Each |  |
| 3 | 2 | P/F piston pump set 1 H.P single phase 220 valts with $1 / 1 / 4^{\prime \prime} \times 1 / 1 / 4^{\prime \prime}$ suction <br> and delivery (Local made) (Electric) | Each |  |  |

1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=$ TOTAL $(\mathrm{A})+$ TOTAL $(\mathrm{B})$

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018
Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences

Near Shikarpur Phatak Golimar Road Sukkur
3000000
5\% on Bid
90 Days
10\%
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM

04 Months
$\qquad$
(L) Liquidity Demages
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$ Amount Rs. 3000/-
(o) Tender Issued to (Mr. / M/S)


## NAME OF WORK :- ESTABLISHMENT OF GOVERNMENT DEGREE COLLEGES IN SINDH 2007-08 PROGRAMME @ GOVERNMENT GIRLS DEGREE COLLEGE PANO AKIL (COMPOUND WALL REMAING WORK)

| Item No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART "A" CIVIL SCHEDULE ITEMS |  |  |  |  |  |
| 1 | 810 | Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5 ft (b) in ordinary soil(C.S.I No:18 (b)P.5. | 3176.25 | \%0Cft | 2573 |
| 2 | 167 | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to $2^{\prime \prime}$ guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15) | 9416.28 | \%Cft | 15725 |
| 3 |  | Cement concrete brick or stone ballast $11 / 2^{\prime \prime}$ to 2 " guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15) | $\begin{array}{r} 8694.95 \\ \hline \end{array}$ | \%Cft | 0 |
| 4 | 214 | Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21). | 11948.36 | \%Cft | 25569 |
| 5 | 882 | Rein forced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft . sand 4 Cft . shingle $1 / 8^{\prime \prime}$ to $1 / 4^{\prime \prime}$ equage. (C.S.J No:6 A (1) P. 17 ). | 337.00 | P.Cft | 297234 |
| 6 |  | First Floor | 349.10 | P.Cft | 0 |
| 7 | 43.312 | Fabrication of Tor steel reinforecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17). | 5001.70 | P.Cwt | 216634 |
| 8 | 638 | Coursed ruble mosonary including hammer derssing in cement sand mortor 1:6 (C.S.I No: 2 (d-iv)Page No: 32). <br> Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22) | 25321.00 | \%Cft | 161548 |
| 9 | 1368 |  | 12346.65 | \%Cft | 168902 |
| 10 | 7826 | Cement plaster upto $20^{\prime}$ height $1 / 2^{\prime \prime}$ thick rario 1:6 (C.S.I No: 13 (b)Page No: 52 ). | 2206.60 | \%Sft | 172689 |
| 11 | 7826 | Cement plaster upto $20^{\prime}$ height $3 / 8^{\prime \prime}$ thick rario 1:4 (C.S.I No: 11 (a) Page No: 52). | 2197.52 | \%Sft | 171978 |
| 12 | 158 | Making \& fixing steel grated door with $1 / 16^{\prime \prime}$ thick sheeting including angle iron frame $2^{\prime \prime} \times 2^{\prime \prime} 3 / 8^{\prime \prime}$ and $3 / 4^{\prime \prime}$ square bars $4^{\prime \prime}$ centre to centre with locking arrangemtnt. (C.S.I No:24 P-92) | 726.72 | P.Sft | 114822 |
| 13 | 884 | P/L Halla pattern tiles glazed $6^{\prime \prime} \times 6^{\prime \prime} \times 1 / 4^{\prime \prime}$ of floor of walls facing required pattern stile specification jointed in white cement and pigment over a bazes 1:2 gra y cement mortor $3 / 4^{\prime \prime}$ thick $\mathrm{I} / \mathrm{c}$ washing \& filling of joints with sullury of white cement \& pigment in desire shape with finishing cleaning and cost of wax polish etc complete $\mathrm{i} / \mathrm{c}$ cutting tiles to proper profile. (C.S.I No: $61 \mathrm{P}-48$ ) | 34520.31 | \%Sft | 305160 |
| 14 | 7826 | Primary coat of chalk under destember (C.S.I No:23 P-54). | 442.75 | \%Sft | 34650 |
| 15 | 7826 | Destember three coats (C.S.I No:24 (c) P-54). | 1079.65 | \%Sft | 84493 |
| 16 | 316 | Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70). | 1270.83 | \%Sft | 4016 |
| 17 | 3150 | Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53 ) | 1287.44 | \%Sft | 40554 |
|  |  |  | - TOTAL :- |  | 1816546 |

## Amount Total (CSR)

| Item <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |

NON SCHEDULE ITEMS

| 1 | 1680 | P/F Gutka Brick Facing $21 / 4^{\prime \prime} \times 21 / 4^{\prime \prime} \times 11 / 2^{\prime \prime}$ | P.Sft |  |
| :--- | :--- | :--- | :--- | :--- |

1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=\operatorname{TOTAL}(\mathrm{A})+$ TOTAL $(\mathrm{B})$

CONTRACTOR

## BIDDING DATA

This Section should be filled in by the Executive Engineer Education Works Division Sukkur, before issuance of the Bidding Documents.

NIT No. EE/EWD/TC/ 1018 Dated: 21.02.2018
(a) Name of Procuring Agency
(b) Brief Discription of Works
(c) Procuring Agency Address
(d) Estimated Cost
(e) Amount of Bid Security
(f) Period of Bid Validity (Days)
(g) Security Deposit (i/c bid Security)
(h) Percentage, if any, to be deducted from bills
(i) Deadline for submission of bids along with time
(j) Venue, Time and Date of Bid Opening
(k) Time for completion from written order of commences

Executive Engineer, Education Works Division Sukkur

UP-GRADATION OF MIDDLE SCHOOL TO HIGH SCHOOL AND HIGH SCHOOL TO HIGHER SECONDARY IN SINDH 2007-08 PROGRAMME AT GHS DOUBLE SECTION TALUKA SUKKUR. (ADP NO. 300) 2017-18 (ELECTRIC WORK)

Near Shikarpur Phatak Golimar Road Sukkur
1000000
5\% on Bid
90 Days
10\%
(7.50\% Income Tax) \& (5\% Security Deposit)
12.03.2018 at 01:00 PM
13.03.2018 at 02:00 PM

04 Months
$\qquad$
(L) Liquidity Demages
(m) Deposit Receipt $\qquad$ Date $\qquad$ Amount $\qquad$
(n) D.R No. $\qquad$ Date $\qquad$
(0) Tender Issued to (Mr. / M/S)


## BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

## NAME OF WORK :- UP-GRADATION OF MIDDLE SCHOOL TO HIGH SCHOOL AND HIGH SCHOOL TO HIGHER SECONDARY IN SINDH 2007-08 PROGRAMME AT GHS DOUBLE SECTION TALUKA SUKKUR. (ADP NO. 300) 2017-18 (ELECTRIC WORK)

| Item <br> No. | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :--- | :--- | :---: | :---: | :---: | :---: |


| 1 | 210 | Wiring for light or fan point with $3 / .029$ PVC insulated wire in 20 mm (3/4') PVC conduit recessed in the wall or column as required. (S.No. $124 \mathrm{P}-15$ ). | 1130 | per point | 237300 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | 25 | Wiring for plug point with $3 / .029$ PVC insulated wire in $20 \mathrm{~mm}\left(3 / 4^{\prime \prime}\right)$ PVC conduit recessed in the wall or column as required. (S.I.No:126 PNo:15) | 985 | per point | 24625 |
| 3 | 5 | Wiring for call bell point with 31.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required. (S.I.No:126 P-No:15) | 1764 | per point | 8820 |
| 4 | 400 | Providing \& laying (MAIN or SUB MAIN) PVC insulated with size 2$7 / .029$ copper conductor in $3 / 4^{\prime \prime}$ dia PVC conduit recessed in the wall or column as required. (S.I.No:10 P- No:2) | 222 | per Meter | 88800 |
| 5 | 300 | Providing \& laying (MAIN or SUB MAIN) PVC insulated with size 2$7 / .036$ copper conductor in $3 / /^{\prime \prime}$ dia PVC conduit recessed in the wall or column as required. (S.I.No:11 P- No:2) | 252 | per Meter | 75600 |
| 6 | 300 | Providing \& laying (MAIN or SUB MAIN) PVC insulated with size 2$7 / .044$ copper conductor in $3 / 4$ '' dia PVC conduit recessed in the wall or column as required. (S.I.No:11 P- No:2) | 341 | per Meter | 102300 |
| 7 | 150 | Providing \& laying (MAIN or SUB MAIN) PVC insulated size 2-7/.064 $(16 \mathrm{~mm} 2)$ copper conductor in $3 / 4^{\prime \prime}$ dia PVC conduit recessed in the wall or column as required. (S.I.No:14 P- No:2) | 641 | per Meter | 96150 |
| 8 | 25 | Providing \& fixing Bakelite ceiling rose with two terminals (S.I.No:228 P- No:33) | $72$ | P.No | 1800 |
| 8 | 110 | Providing \& fixing Brass Battern holder c(S.I.No:232 P- No:33) | 70 | P.No | 7700 |
| 9 | 20 | Providing \& fixing circuit breaker $6,10,15,20,30,40,50$ \& 63amp SP (TB-5S) on prepared board as required (S.I.No:202 P- No:30) | 916 | P.No | 18320 |
| 10 | 2 | 206. Providing \& fixing circuit breaker $15,20,30,40,50$ \& 60 amp TP (XE-100CS[CB]) on prepared board as required. | 5521 | P.No | 11042 |
| 11 | 2 | Providing \& fixing circuit breaker 15,20,30, 40,50,60,75 \& 100amp TP (XS-100NS) on prepared board as required (S.I.No:207 PNo:31) | 9261 | P.No | 18522 |
| 12 | 50 | Providing \& laying (MAIN or SUB MAIN) PVC insulated \& PVC Sheeted with two core copper conductor $300 / 500$ volts size 10 mm 2 (S.I No. 63 Page No. 8) | 375 | P.Meter | 18750 |
|  |  |  | TOTAL:- |  | 709729 |

Amount Total (CSR)

Part "A"
\% Above / Below $\qquad$

Total Amount

Total A

## NON SCHEDULE ITEMS

| 1 | 210 |
| :---: | :---: |
| 2 | 25 |
| 3 | 10 |
| 4 | 5 |


| P/F flush type fancy switch $10 \mathrm{amps} \mathrm{i} / \mathrm{c}$ plastic board imported made etc <br> complece |
| :--- |
| $\mathrm{P} / \mathrm{F}$ flush type 2 pin plug socket 10 amps with fancy type board and <br> sheet $\mathrm{i} / \mathrm{c}$ necessary |
| $\mathrm{P} / \mathrm{F}$ flush type 3 pin plug socket 10 amps with fancy type board and <br> sheet $\mathrm{i} / \mathrm{c}$ necessary |
| $\mathrm{P} / \mathrm{F}$ fit.sh type 3 pin plug socket 15 amps with fancy type board and <br> sheet $\mathrm{i} / \mathrm{c}$ necessary connection |


| Item | Quantities | Description of item to be executed at site | Rate | Units | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 5 | 25 | S/F A.C electric ceiling fans 56 " sweep (Pure copper winding) i/c down rod, canopy blade, |  | Each |  |
| 6 | 25 | P/F fan dimmer 220/240 volts fancy type imported make with necessary connection etc complete |  | Each |  |
| 7 | 6 | P/F distribution board double shutter for accommodate circuit breaker and buslor $\mathrm{i} / \mathrm{c}$ painting With enameled paint |  | P.Sft |  |
| 8 | 2 | P/F on a prepared board iron clad bus bar with 4 copper strips of 200 amps in $24.4 \mathrm{~mm} \times 5.50 \mathrm{~mm}$ lc/ necessary electric connection |  | Each |  |
| 9 | 12 | P/F-. wall / Ceiling mounted light fancy type, superior quality $\mathrm{i} / \mathrm{c}$ necessary electric connection Rs. 600.00 Each an with.holder , without energy Saver etc | - | Each |  |
| 10 | 110 | P/F Energy saver superior quality $\mathrm{i} / \mathrm{c}$ fixing on existing holder etc complete etc |  | Each |  |
| 11 | 25 | P/F mild steel bar fan clamp $15.8 \mathrm{~mm}\left(5 / 8{ }^{\text {") }}\right.$ ) dia suitable for RCC roof |  | Each |  |
| 12 | 5 | P/F AC or DC electric bell $200 / 250$ volt 70 MM . |  | Each |  |
| 13 | 5 | P/F flush type electric bell bush button |  | Each |  |
| 14 | 2 | P/F Exhaust Fan $10^{\prime \prime}$ to $12^{\prime \prime}$ plastic body complete in all respect (GEC) made/Pak good quality (RA) |  | Each |  |
| 15 | 20 | P/F 1-40 watts tube light complete with 40 -watts $4^{4 \prime-}-0$ long rod chowck starter and putty with Rs. 600.00 Each ch fluorescent components i/c necessary electric connection and fixing on wall or ceiling etc as a approved by Engineer/Incharge |  | Each |  |
|  |  |  | TOTAL :- |  |  |

## Cost of Bid

1. (A) Cost Based on Composite Schedule of Rates
2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID $(\mathrm{C})=$ TOTAL $(\mathrm{A})+\operatorname{TOTAL}(\mathrm{B})$

