**DISTRICT COUNCIL KARACHI**

Tender Reference No. DCK/CHAIRMAN/63/2016 Dated:19.12.2016

**SPPRA BIDDING DOCUMENTS**

**STANDARD BIDDING DOCUMENT**

**PROCUREMENT OF WORKS.**

**(For Contracts costing upto 2.50 Million)**

**Work No. 17 NIT-38 Works**

NAME OF WORK:- **Repair & Renovation of Community Center at Rahoo Gohram**

**Jokio Goth Moidan**

Estimate Cost: - Rs 20,00,000/=

Bid Security: - Rs. 40,000/=

Tender Cost:- Rs. 2000/=

Time Period:- 03 Months

**District Council Karachi adjacent Deputy Commissioner East Office at Sir Shah Suleman Road block-14 Gulshan-e-Iqbal Karachi**

**Phone # 021-99232531—021-99232593 Fax # 021-99232594**

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**Instructions to Bidders/ Procuring Agencies.**

**General Rules and Directions for the Guidance of Contractors.**

This section of the bidding documents should provide the information necessary for

bidders to prepare responsive bids, in accordance with the requirements of the Procuring

Agency. It should also give information on bid submission, opening and evaluation, and

on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or

matters affecting the risks, rights, and obligations of the parties under the Contract are

included as Conditions of Contract and*Contract Data*.

The*Instructions to Bidders* will not be part of the Contract and will cease to have effect

once the contract is signed.

**1.** All work proposed to be executed by contract shall be notified in a form of Notice

Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and

Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission,

opening of bids, completion time, cost of bidding document and bid security either in

lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have

valid NTN also.

**2.** Content of Bidding Documents must include but not limited to: Conditions of

contract, Contract Data, specifications or its reference, Bill of Quantities containing

description of items with scheduled/item rates with premium to be filled in form of

percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

**3.** **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of

contract and under no circumstance shall any contractor be entitled to claim enhanced

rates for any item in this contract.

**4.** The Procuring Agency shall have right of rejecting all or any of the tenders as per

provisions of SPP Rules 2010.

**5.** **Conditional Offer**: Any person who submits a tender shall fill up the usual

printed form stating at what percentage above or below on the rates specified in Bill of

Quantities for items of work to be carried out: he is willing to undertake the work and

also quote the rates for those items which are based on market rates. Only one rate of

such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any

alternative in the works specified in the said form of invitation to tender or in the time

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allowed for carrying out the work, or which contain any other conditions, will be liable to

rejection. No printed form of tender shall include a tender for more than one work, but if

contractor wish to tender for two or more works, they shall submit a separate tender for

each.

The envelope containing the tender documents shall refer the name and number of the

work.

**6.** All works shall be measured by standard instruments according to the rules.

**7.** Bidders shall provide evidence of their eligibility as and when requested by the

Procuring Agency.

**8.** Any bid received by the Agency after the deadline for submission of bids

shall be rejected and returned unopened to the bidder.

**9.**Prior to the detailed evaluation of bids, the Procuring Agency will determine

whether the bidder fulfills all codal requirements of eligibility criteria given in the

tender notice such as registration with tax authorities, registration with PEC (where

applicable), turnover statement, experience statement, and any other condition

mentioned in the NIT and bidding document. If the bidder does not fulfill any of

these conditions, it shall not be evaluated further.

**10.** Bid without bid security of required amount and prescribed form shall be rejected.

**11.** Bids determined to be substantially responsive shall be checked for any arithmetic

errors. Arithmetical errors shall be rectified on the following basis;

**(A)** **In case of schedule rates**, the amount of percentage quoted above or below

will be checked and added or subtracted from amount of bill of quantities to

arrive the final bid cost.

**(B)** **In case of item rates,** .If there is a discrepancy between the unit rate and the

total cost that is obtained by multiplying the unit rate and quantity, the unit rate

shall prevail and the total cost will be corrected unless in the opinion of the

Agency there is an obvious misplacement of the decimal point in the unit rate,

in which case the total cost as quoted will govern and the unit rate corrected. If

there is a discrepancy between the total bid amount and the sum of total costs,

the sum of the total costs shall prevail and the total bid amount shall be

corrected.

**(C)** Where there is a discrepancy between the amounts in figures and in words, the

amount in words will govern.

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**BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

1. **Name of Procuring Agency District Council Karachi.**

**Brief Description of Works Repair & Renovation of Community Center at Rahoo Gohram Jokhio Goth UC Moidain.**

**Procuring Agency’s address:- District Council Karachi adjacent Deputy Commissioner East Office at**

**Sir Shah Suleman Road block-14 Gulshan-e-Iqbal Karachi**

**Estimated Cost:- Rs. 20,00,000/=**

1. **Amount of Bid Security:- 2% of the Bid**
2. **Period of Bid Validity (days):- 90 days**
3. **Security Deposit: -(including bid security) :-10%\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_** (in % age of bid amount /estimated cost equal to 10%)
4. **Percentage, if any, to be deducted from bills :-Income Tax 7.50% \_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_**
5. **Deadline for Submission of Bids along with time:-09-01-2017@ 02:00 P.M**
6. **Venue, Time, and Date of Bid Opening:- 09-01-2017@ 03:00 P.M at Office of the District**

**Engineer District Council Karachi (Old Gadap Town**

**Office)Damba Goth Super Highway Karachi**

1. **Time for Completion from written order of commence:-**.  **Three Months**
2. **Liquidity damages:-NIL**(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
3. **Deposit Receipt No: Date: Amount:** (in words and figures) **Rs.2000/- (Rupees One Thousand only)**

(Executive Engineer/Authority issuing bidding document).

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Draft Bidding Document for Works up to 2.5 M

**Conditions of Contract**

**Clause – 1:Commencement & Completion Dates of work.** The contractor shall not

enter upon or commence any portion or work except with the written authority and

instructions of the Engineer-in-charge or of in subordinate-in-charge of the work. Failing

such authority the contractor shall have no claim to ask for measurements of or payment

for work.

The contractor shall proceed with the works with due expedition and without delay and

complete the works in the time allowed for carrying out the work as entered in the tender

shall be strictly observed by the contractor and shall reckoned from the date on which the

order to commence work is given to the contractor. And further to ensure good progress

during the execution of the wok, contractor shall be bound, in all in which the time

allowed for completion of any work exceeds one month, to achieve progress on the

prorate basis.

**Clause – 2:Liquidated Damages.** The contractor shall pay liquidated damages to theAgency at the rate per day stated in the bidding data for each day that the**c**ompletion date

is later than the Intended completion date; the amount of liquidated damage paid by the

contractor to the Agency shall not exceed 10 per cent of the contract price. Agency may

deduct liquidated damages from payments due to the contractor. Payment of liquidated

damages does not affect the contractor's liabilities.

**Clause – 3: Termination of the Contract.**

**(A)** Procuring Agency/Executive Engineer may terminate the contract if either of the

following conditions exits:-

(i) contractor causes a breach of any clause of the Contract;

(ii) the progress of any particular portion of the work is unsatisfactory and

notice of 10 days has expired;

(iii) in the case of abandonment of the work owing to the serious illness or death

of the contractor or any other cause.

(iv) contractor can also request for termination of contract if a payment certified

by the Engineer is not paid to the contractor within 60 days of the date of

the submission of the bill;

**(B)** The Executive Engineer/Procuring Agency has power to adopt any of the

following courses as may deem fit:-

(i) to forfeit the security deposit available except conditions mentioned at A

(iii) and (iv) above;

(ii) to finalize the work by measuring the work done by the contractor.

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**(C)** In the event of any of the above courses being adopted by the Executive

Engineer/Procuring Agency, the contractor shall have:-

(i) no claim to compensation for any loss sustained by him by reason of his

having purchased or procured any materials, or entered into any

engagements, or made any advances on account of, or with a view to the

execution of the work or the performance of the contract,

(ii) however, the contractor can claim for the work done at site duly certified by

the executive engineer in writing regarding the performance of such work

and has not been paid.

Procuring Agency/Engineer may invite fresh bids for remaining work.

**Clause 4: Possession of the site and claims for compensation for delay.** The Engineer

shall give possession of all parts of the site to the**c**ontractor. If possession of site is not

given by the date stated in the contract data, no compensation shall be allowed for any

delay caused in starting of the work on account of any acquisition of land, water standing

in borrow pits/ compartments or in according sanction to estimates. In such case, either

date of commencement will be changed or period of completion is to be extended

accordingly.

**Clause –5: Extension of Intended Completion Date.** The Procuring Agency either at its

own initiatives before the date of completion or on desire of the contractor may extend

the intended completion date, if an event (which hinders the execution of contract) occurs

or a variation order is issued which makes it impossible to complete the work by the

intended completion date for such period as he may think necessary or proper. The

decision of the Executive Engineer in this matter shall be final; where time has been

extended under this or any other clause of this agreement, the date for completion of the

work shall be the date fixed by the order giving the extension or by the aggregate of all

such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the

contract and all clauses of the contract shall continue to be operative during the extended

period.

**Clause –6: Specifications.** The contractor shall execute the whole and every part of the

work in the most substantial and work-man-like manner and both as regards materials

and all other matters in strict accordance with the specifications lodged in the office of

the Executive Engineer and initialed by the parties, the said specification being a part of

the contract. The contractor shall also confirm exactly, fully and faithfully to the designs,

drawing, and instructions in writing relating to the work signed by the Engineer-in-charge

and lodge in his office and to which the contractor shall be entitled to have access at such

office or on the site of work for the purpose of inspection during office hours and the

contractor shall, if he so requires, be entitled at his own expense to make or cause to be

made copies of the specifications, and of all such designs, drawings, and instructions as

aforesaid.

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**Clause – 7: Payments.**

**(A)** **Interim/Running Bill.** A bill shall be submitted by the contractor as frequently as

the progress of the work may justify for all work executed and not included in any

previous bill at least once in a month and the Engineer-in-charge shall take or

cause to be taken the requisite measurements for the purpose of having the same

verified and the claim, as for as admissible, adjusted, if possible before the expiry

of ten days from the presentation of the bill, at any time depute a subordinate to

measure up the said work in the presence of the contractor or his authorized agent,

whose countersignature to the measurement list will be sufficient to warrant and

the Engineer-in-charge may prepare a bill from such list which shall be binding on

the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the

contractor, which he considers due and payable in respect thereof, subject to

deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance

against the final payment only and not as payments for work actually done and

completed, and shall not preclude the Engineer-in-charge from recoveries from

final bill and rectification of defects and unsatisfactory items of works pointed out

to him during defect liability period.

**(B)** **The Final Bill.** A bill shall be submitted by the contractor within one month of the

date fixed for the completion of the work otherwise Engineer-in-charge’s

certificate of the measurements and of the total amount payable for the works shall

be final and binding on all parties.

**Clause – 8: Reduced Rates.** In cases where the items of work are not accepted as so

completed, the Engineer-in-charge may make payment on account of such items at such

reduced rates as he may consider reasonable in the preparation of final or on running

account bills with reasons recorded in writing.

**Clause – 9: Issuance of Variation and Repeat Orders.**

**(A)** Agency may issue a Variation Order for procurement of works, physical services

from the original contractor to cover any increase or decrease in quantities,

including the introduction of new work items that are either due to change of

plans, design or alignment to suit actual field conditions, within the general scope

and physical boundaries of the contract.

**(B)** Contractor shall not perform a variation until the Procuring Agency has authorized

the variation in writing subject to the limit not exceeding the contract cost by of

15% on the same conditions in all respects on which he agreed to do them in the

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Draft Bidding Document for Works up to 2.5 M

work, and at the same rates, as are specified in the tender for the main work. The

contractor has no right to claim for compensation by reason of alterations or

curtailment of the work.

**(C)** In case the nature of the work in the variation does not correspond with items in

the Bill of Quantities, the quotation by the contractor is to be in the form of new

rates for the relevant items of work, and if the Engineer-in-charge is satisfied that

the rate quoted is within the rate worked out by him on detailed rate analysis, and

then only he shall allow him that rate after approval from higher authority.

**(D)** The time for the completion of the work shall be extended in the proportion that the

additional work bear to the original contact work.

**(E)** In case of quantities of work executed result the Initial Contract Price to be xceeded

by more than 15%, and then Engineer can adjust the rates for those quantities

causing excess the cost of contract beyond 15% after approval of Superintending

Engineer.

**(F) Repeat Order:** Any cumulative variation, beyond the 15% of initial contract

amount, shall be subject of another contract to be tendered out if the works are

separable from the original contract.

**Clause-10: Quality Control.**

**(A)** **Identifying Defects:** If at any time before the security deposit is refunded to the

contractor/during defect liability period mentioned in bid data, the Engineer-in-

charge or his subordinate-in-charge of the work may instruct the contractor to

uncover and test any part of the works which he considers may have a defect due

to use of unsound materials or unskillful workmanship and the contractor has to

carry out a test at his own cost irrespective of work already approved or paid.

**(B)** **Correction of Defects:** The contractor shall be bound forthwith to rectify or

remove and reconstruct the work so specified in whole or in part, as the case may

require. The contractor shall correct the notified defect within the Defects

Correction Period mentioned in notice.

**(C)** **Uncorrected Defects:**

**(i)** In the case of any such failure, the Engineer-in-charge shall give the

contractor at least 14 days notice of his intention to use a third party to

correct a defect. He may rectify or remove, and re-execute the work or

remove and replace the materials or articles complained of as the case may

be at the risk and expense in all respects of the contractor.

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Draft Bidding Document for Works up to 2.5 M

**(ii)** If the Engineer considers that rectification/correction of a defect is not

essential and it may be accepted or made use of; it shall be within his

discretion to accept the same at such reduced rates as he may fix therefore.

**Clause – 11:**

**(A)** **Inspection of Operations.** The Engineer and his subordinates, shall at all

reasonable times have access to the site for supervision and inspection of works

under or in course of execution in pursuance of the contract and the contractor

shall afford every facility for and every assistance in obtaining the right to such

access.

**(B)** **Dates for Inspection and Testing.** The Engineer shall give the contractor

reasonable notice of the intention of the Engineer-in-charge or his subordinate to

visit the work shall have been given to the contractor, then he either himself be

present to receive orders and instructions, or have a responsible agent duly

accredited in writing present for that purpose, orders given to the contractor’s duly

authorized agent shall be considered to have the same force an effect as if they had

been given to the contractor himself.

**Clause – 12: Examination of work before covering up.**

**(A)** No part of the works shall be covered up or put out of view/beyond the reach

without giving notice of not less than five days to the Engineer whenever any such

part of the works or foundations is or are ready or about to be ready for

examination and the Engineer shall, without delay, unless he considers it

unnecessary and advises the contractor accordingly, attend for the purpose of

examining and measuring such part of the works or of examining such

foundations;

**(B)** If any work is covered up or placed beyond the reach of measurement without

such notice having been given, the same shall be uncovered at the contractor’s

expense, and in default thereof no payment or allowance shall be made for such

work, or for the materials with which the same was executed.

**Clause – 13: Risks**. The contractor shall be responsible for all risks of loss of or damage

to physical property or facilities or related services at the premises and of personal injury

and death which arise during and in consequence of its performance of the contract. if

any damage is caused while the work is in progress or become apparent within three

months of the grant of the certificate of completion, final or otherwise, the contractor

shall make good the same at his own expense, or in default the Engineer may cause the

same to be made good by other workmen, and deduct the expenses from retention money

lying with the Engineer.

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Draft Bidding Document for Works up to 2.5 M

**Clause-14:** **Measures for prevention of fire and safety measures.** The contractor

shall not set fire to any standing jungle, trees, bush-wood or grass without a written

permit from the Executive Engineer. When such permit is given, and also in all cases

when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor

shall take necessary measures to prevent such fire spreading to or otherwise damaging

surrounding property. The contractor is responsible for the safety of all its activities

including protection of the environment on and off the site. Compensation of all damage

done intentionally or unintentionally on or off the site by the contractor’s labour shall be

paid by him.

**Clause-15:Sub-contracting**. The contractor shall not subcontract the whole of the works,

except where otherwise provided by the contract. The contractor shall not subcontract

any part of the works without the prior consent of the Engineer. Any such consent shall

not relieve the contractor from any liability or obligation under the contract and he shall

be responsible for the acts, defaults and neglects of any subcontractor, his agents,

servants or workmen as if these acts, defaults or neglects were those of the contractor, his

agents’ servants or workmen. The provisions of this contract shall apply to such

subcontractor or his employees as if he or it were employees of the contractor.

**Clause – 16: Disputes.** All disputes arising in connection with the present contract, and

which cannot be amicably settled between the parties, , the decision of the

Superintending Engineer of the circle/officer/one grade higher to awarding authority

shall be final, conclusive and binding on all parties to the contract upon all questions

relating to the meaning of the specifications, designs drawings, and instructions,

hereinbefore mentioned and as to the quality of workmanship, or materials used on the

work or as to any other questions, claim, right, matter, or thing whatsoever in any way

arising out of, or relating to the contract design, drawings, specifications, estimates,

instructions, orders or these conditions or otherwise concerning the works, or the

execution, of failure to execute the same, whether arising, during the progress of the

work, or after the completion or abandonment thereof.

**Clause –17: Site Clearance.** On completion of the work, the contractor shall be

furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-

charge) of such completion, but neither such certificate shall be given nor shall the work

be considered to be complete until the contractor shall have removed all temporary

structures and materials brought at site either for use or for operation facilities including

cleaning debris and dirt at the site. If the contractor fails to comply with the requirements

of this clause then Engineer-in-charge, may at the expense of the contractor remove and

dispose of the same as he thinks fit and shall deduct the amount of all expenses so

incurred from the contractor’s retention money. The contractor shall have no claim in

respect of any surplus materials as aforesaid except for any sum actually realized by the

sale thereof.

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**Clause –18: Financial Assistance /Advance Payment.**

**(A)** **Mobilization advance** is not allowed.

**(B)** **Secured Advance against materials brought at site.**

**(i)** Secured Advance may be permitted only against imperishable

materials/quantities anticipated to be consumed/utilized on the work within

a period of three months from the date of issue of secured advance and

definitely not for full quantities of materials for the entire work/contract.

The sum payable for such materials on site shall not exceed 75% of the

market price of materials;

**(ii)** Recovery of Secured Advance paid to the contractor under the above

provisions shall be affected from the monthly payments on actual

consumption basis, but not later than period more than three months (even

if unutilized).

**Clause –19: Recovery as arrears of Land Revenue**. Any sum due to the Government

by the contractor shall be liable for recovery as arrears of Land Revenue.

**Clause –20: Refund of Security Deposit/Retention Money.** On completion of the

whole of the works (a work should be considered as complete for the purpose of refund

of security deposit to a contractor from the last date on which its final measurements are

checked by a competent authority, if such check is necessary otherwise from the last date

of recording the final measurements), the defects notice period has also passed and the

Engineer has certified that all defects notified to the contractor before the end of this

period have been corrected, the security deposit lodged by a contractor (in cash or

recovered in installments from his bills) shall be refunded to him after the expiry of three

months from the date on which the work is completed.

**Divisional Accounts Officer**

**Contractor** **Executive Engineer/Procuring Agency**

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**Work No 17 NIT 38**

NAME OF WORK: **Repair & Renovation of Community Center at Rahoo Gohram Jokhio Goth UC Moidain.**

**BILL OF QUANTITIES**

1. Description and rate of Items based on Composite Schedule of Rates.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr. No | **Quantities** | **Description of item to be executed at site** | **Rate** | **Unit** | **Amount in Rupees** |
| 1 | **2** | **3** | **4** | **5** | **6** |
| 1 | 600cft | Dismantling Cement concrete plain 1:2:4 | 3327/50 | %Cft. | 19965.00 |
| 2 | 5Nos | Removing door with chowked wall | 102/85 | Each | 514.00 |
| 3 | 05Nos | Removing window with chowked wall | 142/8 | Each | 714.00 |
| 4 | 2474Cft | Providing / Laying cement concrete brick or stone ballast 1-1/2” to 2” gauge etc complete ( in ratio 1 : 4 : 8 ) | 9416/28 | % Cft | 232959.00 |
| 5 | 1874Cft | Cement concrete plain i/c placing compacting finishing and curing etc. complete i/c scrapping and washing at stone aggregate without (Ratio 1:2:4) etc. complete | 14429/25 | %Cft | 270404.00 |
| 6 | 4112.0Sft | Scraping ordinary distemper etc complete | 226.88 | %Sft | 9329.00 |
| 7 | 584Sft | Painting doors and windows any type i/c edge three coats | 2116/20 | %Sft. | 12359.00 |
| 8 | 1200Sft | Water Proofing layer over the domical or flat slab in 2 coasts of bitumen laid using 34 lbs % Sft. per % | 2208/= | %Sft | 26496.00 |
| 9 | 2296.00Sft | Distempering Three coats etc complete. | 1079/65 | %Sft | 24789.00 |
| 10 | 1816.00Sft | Preparing the surface and painting with matt finish i/c rubbing the surface with bathy (silicon carbide rubbing brick) filling the voids with zink / chalk / plaster of paris mixture, applying first coat premix, making the surface smooth, and then painting 3 coats with matt finish of approved make etc. complete (old surface) | 2499/76 | %Sft. | 45396.00 |
| 11 | 2200.00Sft | Preparing the surface and painting with weather coat i/c rubbing the surface rubbing brick / sand paper , filling the wide with the chalk / plaster of Paris and then painting with weather coat approved make | 1328/25 | %Sft | 29222.00 |
| 12 | 292.00Sft | Providing & Fixing in position, Doors, windows and Ventilators of first class deodar wood frames, and 1 – ¾” thick commercial, ply veneer shutters of first class, deodar skeleton (Hollow) and commercial ply wood (3 ply) on both sides | 1273/76 | P.Sft. | 371938.00 |
| 13 | 88.00Sft | Providing & Fixing iron steel grill door with angle iron frame of 1 ½” x 1 ½” x ¼” and flat iron of ¾” x ¼” with approved design And locking arrangement embedded in Masonry as per instruction Of Engineer in charge. | 194/20 | P.Sft. | 17089.00 |
| 14 | 1888.00Sft | Laying floor of approved with glazed tile ¼” thick in white cement 1:2 over ¾” thick cement mortar 1:2 complete. | 27678/86 | %Sft. | 522577.00 |
| 15 | 150.00Rft  150.00Rft | Providing PVC pipes of Class “C” (equivalent make) Prince pipe fixing in trench i/c cutting, fitting and jointing with “Z” joint with rubber ring i/c testing with water to head of 91.5 meter or 300 ft.  A-1” Dia  B -1-1/2” Dia | 27/=  43/= | P Rft  P Rft | 4050.00  6450.00 |
| 16 | 9Nos | Supplying and fixing in position brass bib cocks ½” dia | 689/70 | Each | 6207.00 |
| 17 | 02 Nos  02 Nos  02 Nos | Supplying and fixing PVC fittings for Z joint pipes etc. Complete  A-(i) Tee 2” Dia  B-(i) Bend 2” Dia  D-(i) Elbow 2” Dia | 159.00  160.00  225.00 | Each  Each  Each | 318.00  320.00  450.00 |
| 18 | 1200.00Sft | Providing Anti termite treatment by spraying sprinkling spreading Neptector 0.5 Emulsion as on overall preconstruction treatment in slab type construction under the slab and along attach preches or entrances etc. complete as per direction of Engineer Incharge. | 9/74 | P.Sft. | 11688.00 |
| 19 | 30Nos | Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4”) PVC conduit on surface as required | 797/= | Each | 23910.00 |
| 20 | 20Nos | Providing & Fixing two way SP 5amp switch flush type | 37/= | Each | 740.00 |
| 21 | 200.00Rft  200.00Rft | P/F Chanel Pati 1” as required as per instruction of E.I Page No-43/296/297  1”  2” | 40/=  45/= | P.Rft  P.Rft | 8000.00  9000.00 |

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|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 22 | 10No | P/F circuit Breaker 6 to 50 amps. & 63 amp DP (TP-5S) on prepared board as required. | 2456/=- | Each | 24560.00 |
| 23 | 12Nos | Providing & Fixing Brass Ceiling fan 56” (good quality) | 3185/- | Each | 38220.00 |
| 24 | 130Mtrs | Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with (4 core) armored copper conductor 600 / 1000 volts size 10 mm 2 | 1230/= | P/Mtr. | 159900.00 |
| 25 | 2Nos | Providing & Fixing squatting type white glazed earthen were w.c pan with including the cost of flushing cistern with internal fitting and flush pipe with bend and making requisite number of holes in walls plinth and floor for pipe connection and making good in cement concrete 1:2:4 (W/S & Sanit. Sch P-1 item 1(a) | 5044/60 | Each | 10089.00 |
| 26 | 02Nos | Providing & Fixing 24” x 18” lavatory basin in white glazed earthen ware complete with the cost of Providing Fixing earthen ware pedestal white or coloured glazed etc. & i/c the cost of W.I. or C.I. cantilever brackets 6 inches built into wall, painted white in two coat after a primary coat of red lead paint, a pair of ½” dia rubber plug and chrome plate brass chain 1-1/4” dia malleable iron or C.P brass traps requisite number of hles in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4 | 5192/= | Each | 10384.00 |
| 27 | 2Nos | Providing & fixing 24” x 18” bavelled edge mirror of Belgium glass complete with 1/8” thick hard board and c.p screws fixed to wooden pleat | 2376/= | Each | 4752.00 |
| 28 | 288.00 Cft | Excavation for tanks & reservoirs in all kind soils murrum hard average or soft i/c trimming & dressing sides to true alignment / design section s / profiles & shape leveling of beds of tanks to correct level & grade i/c laying of earths in 6” layer for construction of banks & dressing & disposals of surplus excavated earth within one chain as directed by Engineer incharge i/c providing fance guards lights flags where ever required lift upto 5’ & lead upto one chain | 4050/= | %oCft | 1166.00 |
| 29 | 220Cft | Providing / Laying 1:3:6 cement concrete Solid Block masonry wall 8” and below in thickness set in 1:6 cement sand mortar in ground floor super stricture including raking out joints & curing etc complete | 14268/53 | % Cft | 31391.00 |
| 30 | 2.60Cwt | Fabrication of mild steel reinforcement using tore bars for cement concrete i/c cutting laying bending in positon making joints & fastening i/c cost of binding wire (also i/c removal of rust from bars) etc complete | 5001/70 | P.Cwt | 13004.00 |
| 31 | 73 Cft | Reinforced cement concrete work i/c all labour ^ material except the cost of steel reinforcement & its labour for binding & binding which will be paid separately. This rate also i/c all kinds of forms moulds lifting shuttering curing, rendering & finishing the exposed surface ( i/c screening & washing of single ) a) RCC work in roof slab beams columns rafts lintels & other structural members laid in situ precast laid in position complete in all respect ( 90) lbs cement 2 cft sand 4 cft single 8 to ¼ gauge ) etc complete ( Ratio 1: 2 : 4 ) | 337/= | P-Cft | 24601.00 |
| 32 | 220 Sft | Providing / Laying Cement Plaster ¾” ” thick in 1:4 ration upto 20 ft height etc complete | 3015/76 | % Sft | 6634.00 |
| 33 | 15 KG | P / Fixing C.I Manhole cover size 18 x 18 weight upto 15 kg etc complete | 85/= | P KG | 1275.00 |

Amount Total (a) **Rs,18,38,960/=**

\_\_\_\_\_\_\_\_\_\_\_\_\_ % Above / Below on the rates of CSR. Amount to be added / deducted on the basis

Of premium quoted Total (b) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Total (A) = a+b in words & figures: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Contractor Executive Engineer / Procuring Agency

**BILL OF QUANTITIES**

1. Description and rate of Items based on Offer Rates.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr. No | **Quantities** | **Description of item to be executed at site** | **Rate** | **Unit** | **Amount in Rupees** |
| 1 | **2** | **3** | **4** | **5** | **6** |
| 01 | 20Nos | Providing Fixing Energy Savers of Approved make and quality 65 watt etc. complete. |  | Each |  |
| 02 | 1No | Providing Fixing Iron Electric Board complete with circuit breakers, change over switches, ampere / volt meter, lights, main switch including wiring etc. complete as directed by Engineer incharge. |  | Each |  |

Amount Total (b) **Rs. /-**

**(Rupees \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_only)**

Contractor Executive Engineer / Procuring Agency

**Summary of Bill of Quantities**

Cost of Bid Amount\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. ( A) Cost based on composite Schedule of Rate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. (B) Cost of based on Non / Offered Schedule of Rates. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

TOTAL COST OF BID ( C ) = Total (A) + Total (B) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Contractor Executive Engineer / Procuring Agency