



**OFFICE OF THE  
EXECUTIVE ENGINEER**

**EDUCATION WORKS DIVISION THATTA**

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No. XEN / EWD/THT/3808 dated: 20/05/2018

To,

The Director of Information,  
(Advertisement).  
Government of Sindh.  
Karachi.

**SUBJECT: PUBLICATION OF NOTICE INVITING TENDER.**

Enclosed please find herewith (7-Copies) of Notice Inviting Tenders for Publication in one insertion of three well-reputed National Dailies in Sindhi, Urdu & English as Per Sindh Public Procurement regulatory Authority, Rules -2010 (amended up to date).

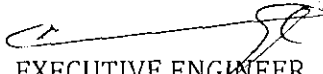
It is informed that the advertisement charges for this advertisement will be met from the development budget of current financial year as such bill may please be sent immediately after publication of tenders so as to clear the charges without accumulation as arrears.

D.A/As Above

EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION  
THATTA

Copy Forwarded with compliments for information to:

1. The Additional Secretary (PDF) School Education Department, Government of Sindh Karachi.
2. The Director A&F, Sindh Public Procurement Regulatory Authority, Government of Sindh, Karachi for incorporating on the web portal of SPPRA, Government of Sindh (Along with C.D, Notification of Procurement Committee, Notification of Complaint Redressal Committee (CRC), Annual Procurement Plan 2016-17 & Bidding Documents.
3. The Chief Engineer, Education Works Hyderabad.
4. The Superintending Engineer, Education Works Circle, Hyderabad
5. The Chairman / Members of Complaint Redressal Committee (CRC).....
6. The Chairman / Members of Procurement Committee (PC).....
7. The Assistant Engineer Education Works Sub-Division (all).....for wide publicity.
8. Notice Board / NIT File.

  
EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION  
THATTA

RA INWARD DIARY

7660  
ED: 20/05/2018

**OFFICE OF THE EXECUTIVE ENGINEER EDUCATION WORKS DIVISION THATTA  
JUNGSHAHI ROAD MAKLI THATTA**

XEN/EWDT/NIT/ 3803

of 2017-18

Dated: 30/3 /2018

**NOTICE INVITING TENDERS**

1. Sealed Bid for the works mentioned below are invited from the interested Bidder / firm on standard Bidding Documents of Sindh Public Procurement Regulatory Authority Rule 2010 (amended 2017).
2. The Bidding Document will be issued to all the interested Bidders on Written request addressed to undersigned in firm's original letter head and payment of Bidding Documents Fee (non-refundable) in cash as shown against each Package on the address below.

Programme for issuance / submission and opening out Bids.

| S.NO | Particulars                            | 1st Attempt  | 2nd Attempt (in case of un-responded works)                  |
|------|--|--|--|
| A    | Dated of issuance of Bidding Documents | From the date of publication in press & hoisted on website of SPPRA at or before on <b>23-04-2018 @12:00(Noon)</b> Office of the Executive Engineer Education Works Division District Thatta | <b>03-05-2018 @ 12.00(Noon)</b> in the Office of undersigned |
| B    | Dead line for Submission of Bids       | on <b>24-04-2018</b> upto <b>02:00pm</b> in the office of the undersigned Office of the Executive Engineer Education Works Division District Thatta  | <b>04-05-2018 @ 2.00 PM</b> in the Office of undersigned     |
| C    | Venue Time and Date of Bids opening    | on <b>24-04-2018</b> upto <b>03:00pm</b> in the office of the undersigned Office of the Executive Engineer Education Works Division District Thatta  | <b>04-05-2018 @ 3.00 PM</b> in the Office of undersigned     |

- 3- Bidding is open to all interested Bidders,
- 4- Method of Procurement i.e Single Stage -single Envelope.
- 5- Bid Validity Period is (90) Ninety Days.

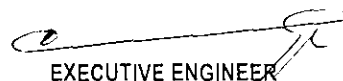
**EDUCATION WORKS DIVISION THATTA**

| S.# | Name of Work  | Taluka       | Catgory Registration In the PEC | Bid Security  | Tender Fee | Completion Period |
|-----|---|--------------|---------------------------------|---|------------|-------------------|
|     | ADP # 245, OF 2017-18 UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA (05, UNITS). |              |                                 | 5% OF Bid price in shape of pay order favour of Executive Engineer Education Works Division District Thatta |            |                   |
| 1   | GBPS SONHARI  | THATTA       | C-6                             | Do  | 3000/-     | 10 Months         |
| 2   | GBPS WALI MUHAMMAD SHORO  | THATTA       | C-6                             | Do  | 3000/-     | 10 Months         |
| 3   | GGPS KETIBUNDER   | KETIBUNDER   | C-6                             | Do  | 3000/-     | 10 Months         |
| 4   | GGPS PIR PATHO  | GHORA BARI   | C-6                             | Do  | 3000/-     | 10 Months         |
| 5   | GBPS ANWER JAMARI   | MIRPUR SAKRO | C-6                             | Do  | 3000/-     | 10 Months         |

|   |  |              |     |    |        |           |
|---|--|--------------|-----|----|--------|-----------|
| 6 | (ADP No: 200 (4) Units) Shelterless Primary School @ District Thatta 2016-2017 Programme @ GBPS KHARO CHAN CITY Taluka Ketibunder  | Ketibunder   | C-6 | Do | 2000   | 04 Months |
| 7 | (ADP No: 486) OF 2016-17 Programme) Establishment Of Governemnt Boys / Girls Degree Colleges In Sindh @ Government Boys Degree College Gharo, Taluka M.Sakro District Thatta, (Remmaning Work) | MIRPUR SAKRO | C-5 | Do | 3000/- | 10 Months |

#### BIDDERS QUALIFICATION / ELIGIBILITY CRITERIA

- (a) Registration with Pakistan Engineering Council in the relevant category of above discipline capping view the bids costs. No. PEC License required for the work costing up to Rs:4.00 (Million).
  - (b) For Electrical Works Valid license issued from Inspectorate of Electrical Licence , Government Of Sindh of the Similar Region with respect to works shown above.
  - (c) Relevant Experience of last three years (list of works with copies of letter of award of works and completion certificates of equivalent cost or above.
  - (d) Turn-over of last three years as per SPPRA Rules 2010 with current turn over as 30% of the bid cost.
  - (e) Valid Registration with Federal Board of Revenue (FBR) for income tax (N.T.N)
  - (f) Valid Registration with the Sindh Revenue Board (S.R.B).
  - (g) The Bid security 5% (five percent) in the shape of call deposit / pay order issued from any schedule bank of Pakistan in favor undersigned shall be submitted at the time of submission of bidding documents.
  - (h) Full Name Complete Address, Telephone Number, Fax Number, E-Mail & Organization of structure .
  - (i) Copy of C.N.I.C of proprietor / Partners (if any)
  - (j) Complete Bio-Data of Technical Staff (One B.E & One Diploma Engineer).
  - (k) Undertaking on stamp paper that firm is involved in any litigation, Departmental rift, abandoned or un-necessary delay in completion of any work in the Government Department
  - (l) Under Taking on Stamp paper regarding Non-Black Listing of firm previously by Government's. Semi Government's Autonomous Bodies as Executing Agency.
  - (m) Affidavit regarding list of partners / partnership Deed with Director / Proprietor etc with complete information along with power of attorney / sole proprietor.
  - (n) Undertaking on stamp paper that information submitted by Bidder / Firms is correct.
  - (o) Incomplete / Conditional bids will not be entertained and will be rejected out rightly.
- Procuring agency reserve right to annul the bidding process and reject all bids are proposals as per SPPRA Rules 2010 (amended to-date).

  
 EXECUTIVE ENGINEER  
 EDUCATION WORKS DIVISION  
 THATTA

Name of Work: -

A.D.P NO: 200, CONSTRUCTION OF BUILDING FOR SHELTERLESS PRIMARY SCHOOL AT DISTRICT THATTA 2016-2017 PROGRAMME AT GBPS KHARO CHAN CITY. TALUKA KETI BUNDER DISTRICT THATTA.

## Schedule B

| SR#                  | ITEM OF WORK  | QTY          | RATE           | UNIT | AMOUNT  |
|----------------------|---|--------------|----------------|------|---------|
| <b>SCHEDULE ITEM</b> |   |              |                |      |         |
| 1                    | Excavation in foundation of Building, Bridges and other structures including degebellling dressing refilling around structure with refilling around structure with excavaed earth Watering and ramming lead upto 5' feet.(B) (In ordinary soil). (S.I # 18-b p).  |              |                |      |         |
|                      | TOTAL =   | 5,327 Cft    | 3176.25 %0,    | Cft  | 16,919  |
| 2                    | Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8 (S.I.No.4b,/P-15)   |              |                |      |         |
|                      | TOTAL =   | 2,981 Cft    | 9416.28 %,     | Cft  | 280,712 |
| 3                    | R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 3(a)/C-4) |              |                |      |         |
|                      | TOTAL =   | 2,176 Cft    | 337.00 P. Cft  |      | 733,237 |
| 4                    | Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)  |              |                |      |         |
|                      | TOTAL =   | 116.56 Cwt   | 5,001.70 P.Cwt |      | 582,996 |
| 5                    | Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundation & Plinth (S.I.No.2 (iv), P-27).   |              |                |      |         |
|                      | TOTAL =   | 1,032 Cft    | 25321 %,       | Cft  | 261,347 |
| 6                    | Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and left upto 5 feet (S.I.No.21 P-5)   |              |                |      |         |
|                      | TOTAL =   | 3,551.25 Cft | 1512.5 %0,     | Cft  | 5,371   |
| 7                    | Filling watering and ramming earth in floor with new earth excavated from outside lead upto one chain and left upto 5 feet (S.I.No.22 P-5).   |              |                |      |         |
|                      | TOTAL =   | 4,617.58 Cft | 3,630.00 %0,   | Cft  | 16,762  |
| 8                    | P/L 1:3:6 cement concrete solid block masonry wall 6" above in thickness set in 1:6 cement mortar in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.NO.23/P-19)  |              |                |      |         |
|                      | TOTAL =   | 1,435 Cft    | 14621.44 %,    | Cft  | 209,760 |
| 9                    | Providing and fixing ornamental cement Jali 2" thick (1:2:4) without steel (S.I.No.11 P-18).  |              |                |      |         |
|                      | TOTAL =   | 192.00 Sft   | 226.02 P. Sft  |      | 43,396  |

| SR# | ITEM OF WORK   | QTY   | RATE      | UNIT   | AMOUNT  |
|-----|--|-------|-----------|--------|---------|
|     | First class deodar wood wrought joinery in doors and windows etc fixed in position in/c chowkhasht hold fasts hings, iron tower bolts checks cleats handles and cords with hooks etc (S.I.No.7 P-58) .   |       |           |        |         |
|     | TOTAL =  | 235   | 1,273.76  | P. Cft | 299,334 |
| 11  | Cement Plaster 1:6 up to 12 feet height, 3/4"thick.(S.I No.13-C P-52).   |       |           |        |         |
|     | TOTAL =  | 5,421 | 2,590.50  | %, Sft | 140,424 |
| 12  | Cement Plaster 1:4 up to 12 feet height, 3/8"thick.(S.I No.13-C P-52).   |       |           |        |         |
|     | TOTAL =  | 5,421 | 2,197.52  | %, Sft | 119,121 |
| 13  | Rough Cost Steco Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No 13-C P-52).   |       |           |        |         |
|     | TOTAL =  | 503   | 2,306.10  | %, Sft | 11,602  |
| 14  | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering) (h) Ratio 1:3:6 (S.I.No. 5(h)/C-4)  |       |           |        |         |
|     | TOTAL =  | 244   | 12595     | %, Cft | 30,691  |
| 15  | White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortor 3/4" thick in/c finishing (S.I.NO.37/P-45)   |       |           |        |         |
|     | TOTAL =  | 105   | 28,253.61 | %, Sft | 29,666  |
| 16  | Laying floors of approved coloured glazed tiles 1/4" thick laid in white cement & pigment on a bed of 3/4" thick cement mortar 1:2. (S.I.NO 25/P-43)   |       |           |        |         |
|     | TOTAL =  | 50    | 27,747.06 | %, Sft | 13,874  |
| 17  | Providing & laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement and pigment over a base of 1:2 grey cement mortor 3/4" thick in/c washing and filling of joints with salurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting tiles to proper profile. (S.I.No.60 P-47) |       |           |        |         |
|     | TOTAL =  | 1,404 | 30,509.77 | %, Sft | 428,467 |
| 18  | P/L C C topping cement concrete 1:2:4 in/c surface finishing and dividing into pannels pannels (S.I.No.16d P-42).<br>2" Thick  |       |           |        |         |
|     | TOTAL =  | 1,260 | 3,275.50  | %, Sft | 41,271  |
|     | 3" Thick   |       |           |        |         |
|     | TOTAL =  | 1,826 | 4,411.82  | %, Sft | 80,543  |
| 19  | Making Notice Board made with cement (S.I.NO.1 P-95)   |       |           |        |         |
|     | TOTAL =  | 80    | 58.11     | P.Rft  | 4,649   |
| 20  | Primary coat of chalk under distemper. (S.I.No.23,P.54).   |       |           |        |         |
|     | TOTAL =  | 6,986 | 442.75    | %, Sft | 30,929  |

| SR# | ITEM OF WORK | QTY | RATE | UNIT | AMOUNT |
|-----|--------------|-----|------|------|--------|
|-----|--------------|-----|------|------|--------|

21 Distempering 03-Coats (S.I No 24 (b), P-54)

TOTAL = 6,986 Sft 1079.65 % Sft 75,422

22 Painting new surface @ Preparing surface and painting of doors and windows any type (in/c edges) (I&II) 3 coats (S.I.No.50/I&II-C-11)

TOTAL = 470 Sft 2116.41 % Sft 9,947

23 Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand @ 1 Cft per % Sft. (S.I.No. 13/P-7)

TOTAL = 1,269 Sft 1887.4 % Sft 23,781

|           |           |
|-----------|-----------|
| Total Rs: | 3,490,221 |
|-----------|-----------|

**PART- B WATER SUPPLY & SANITARY FITTINGS**

1 Providing & Fixing squatting type white galzed earthenware W.C Pan with front flush inletr & complete with i/c the cost of flushing cistern with internal fitting and flush pipe with bend and making requisite number of holes in walls plinths & floor for pipe connection & making good in cement concrete 1:2:4 (Foreign Equivalent) with 4" Dia C.I Trap (S.I.No.2(i), P-1)

2.00 Nos 5,728.80 Each 11,458

2 Providing & Fixing handle valves China (S.I.No.5 P-17).

1/2" Dia

2.00 Nos 200.42 Each 401

3/4" Dia

2.00 Nos 271.92 Each 544

3 Construction of main hole or inspection chamber for there or required dia circular sewer and 3'x6' depth walls B.B in cement plaster 1:3 1/2" thick in site of walls and 1" (25mm) thick over benching and channel and i/c fixing C.I main hole cover with frame of clear opening 1-1/2 (457x 457mm) of 1.75 Cwt (88.9 KG) embedded in plinth C.C 1:2:4 and fixing 1 (25mm) dia M.S step 6" (150 MM) wide projecting 4 (102mm) from the face of wall at 12" (305mm) C.C dully painted etc complete as per specification and drawing No D.P -1 of Public Health Circular Southern Zone.

2.00 Nos 14,748.00 Each 29,496

4 Providing RCC pipe with collars class "B" & digging the trenches to required depth & fixing in position in/c cutting fitting & jointing with maxphalt composition & cement mortar 1:1 & testing with water pressure to a head of 4 feet the top of the

20.00 Nos 199.25 Each 3,985

|           |        |
|-----------|--------|
| Total Rs: | 45,883 |
|-----------|--------|

*Executive Engineer*  
Education Works - Division  
Thatta.

Name of Work: -

ADP #. 245, (05, UNITS) OF 2017-2018. UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA @ GBPS SONHARI, TALUKA & DISTRICT THATTA.

Main Building  
Schedule B

| SR#           | ITEM OF WORK   | QTY      | RATE | UNIT             | AMOUNT    |
|---------------|--|----------|------|------------------|-----------|
| Schedule Item |  |          |      |                  |           |
| 1             | Excavation in foundation of Building, Bridges and other structures including degebellling dressing refilling around structure with refilling around structure with excavaed earth Watering and ramming lead upto 5' feet.(B) (In ordinary soil). (S.I # 18-b p). |          |      |                  |           |
|               | TOTAL =  | 4,142.44 | Cft  | 3176.25 %0. Cft  | 13,157    |
| 2             | Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10 (S.I.No.4b,/P-15)   |          |      |                  |           |
|               | TOTAL =  | 1,731.64 | Cft  | 8694.95 %, Cft   | 150,565   |
| 3             | Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundation & Plinth (S.I.No.2 (iv), P-27).  |          |      |                  |           |
|               | TOTAL =  | 3,212.91 | Cft  | 25321 %, Cft     | 813,540   |
| 4             | Damp Proof Course with Cement sand and shingle concrete (1:2:4) in/c 2 coat of asphaltic mixture 2" thick. (S.I.No.28 P-19).<br><u>3" thickness.</u>   |          |      |                  |           |
|               | TOTAL =  | 756.38   | Sft  | 4982.18 %, Sft   | 37,684    |
| 5             | Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and left upto 5 feet (S.I.No.21 P-5)  |          |      |                  |           |
|               | TOTAL =  | 2,761.63 | Cft  | 1512.5 %0, Cft   | 4,177     |
| 6             | Filling watering and ramming earth in floor with new earth excavated from outside lead upto one chain and left upto 5 feet (S.I.No.22 P-5).  |          |      |                  |           |
|               | TOTAL =  | 4,999.13 | Cft  | 3,630.00 %0, Cft | 18,147    |
| 7             | Coursed Rubble Masonary hammer dressed in Ground Floor super structure with cement sand mortor Ratio 1:6 (S.I.No.4-diii P-28).   |          |      |                  |           |
|               | TOTAL =  | 5,920.16 | Cft  | 26288.46 %, Cft  | 1,556,318 |
| 8             | P/L 1:3:6 cement concrete solid block masonry wall 6" above in thickness set in 1:6 cement mortor in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.NO.23/P-19)   |          |      |                  |           |
|               | TOTAL =  | 78.50    | Cft  | 14621.44 %, Cft  | 11,478    |

| SR# | ITEM OF WORK   | QTY.     | RATE | UNIT           | AMOUNT  |
|-----|--|----------|------|----------------|---------|
|     | R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle) (a) R.C.C work in roof slab, beams, columns, ralls, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/C-4) |          |      |                |         |
|     | TOTAL =  | 1,877.00 | Cft  | 337.00 P. Cft  | 632,549 |
|     | Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)   |          |      |                |         |
|     | TOTAL =  | 92.17    | Cwt  | 5,001.70 P.Cwt | 461,027 |
|     | P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for doors using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used making and fixing.(S.I.No: 29/P-93)   |          |      |                |         |
| 11  | TOTAL =  | 171.50   | Rft  | 228.90 P.Rft   | 39,256  |
|     | P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for windows & vent. using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used making and fixing.(S.I.No: 28/P-93)   |          |      |                |         |
| 12  | TOTAL =  | 423.00   | Rft  | 240.50 P.Rft   | 103,175 |
|     | S/F in position iron / steel grill of 3/4" x 1/4" size flate iron of approved design in/c painting 3 coats etc complete (wt. not less then 3.7lbs of finishing grill) (S.I.NO.26 /P-93)  |          |      |                |         |
| 13  | TOTAL =  | 251.06   | Sft  | 180.50 P.Sft   | 45,317  |
|     | First class deodar wood wrought joinery in doors and windows etc fixed in position in/c chowkhast hold fasts hings, iron tower bolts chocks creats handles and cords with hooks etc (S.I.No.7 P-58) Only shutters.   |          |      |                |         |
| 14  | TOTAL =  | 467.53   | Sft  | 502.90 P.Sft   | 440,203 |
|     | 15 Cement Plaster 1:6 up to 12 feet height, 3/4"thick.(S.I No.13-C P-52).  |          |      |                |         |
|     | TOTAL =  | 8,025.00 | Sft  | 2,590.50 % Sft | 207,868 |
|     | 16 Cement Plaster 1:4 up to 12 feet height, 3/8"thick.(S.I No.13-C P-52).  |          |      |                |         |
|     | TOTAL =  | 8,025.00 | Sft  | 2197.52 % Sft  | 175,351 |
|     | 17 Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No.13-C P-52).  |          |      |                |         |
|     | TOTAL =  | 542.50   | Sft  | 2,233.55 % Sft | 12,390  |
|     | 18 Cement Pointing fludh on stone work in cement mortar 1:3 (S.I.No.20-cii P-53)   |          |      |                |         |
|     | TOTAL =  | 3,148.38 | Sft  | 1758.68 % Sft  | 55,351  |



| SR# | ITEM OF WORK  | QTY:    | RATE     | UNIT | AMOUNT          |         |
|-----|---|---------|----------|------|-----------------|---------|
|     | Cement concrete plain including placing, compacting, finishing and curing<br>19 complete (including screening and washing of stone aggregate without<br>shuttering) (h) Ratio 1:3:6 (S.I.No. 5(h)/C-4)  | TOTAL = | 228.78   | Sft  | 12595 % Cft     | 28,815  |
| 20  | Laying floors of approved coloured glazed tiles 1/4" thick laid in white cement &<br>pigment on a bed of 3/4" thick cement mortar 1:2. (S.I.NO.25/P-43)   | TOTAL = | 134.00   | Sft  | 27,747.06 % Sft | 37,181  |
| 21  | White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2<br>cement sand mortar 3/4" thick in/c finishing (S.I.NO.37/P-45)   | TOTAL = | 427.50   | Sft  | 28,253.61 % Sft | 120,784 |
| 22  | P/F 3/8" thick marble tiles of approved quality and colour and shade 8" x 4" or<br>6" x 4" in dado skirting and facing removal / tucking of existing plaster surface<br>etc over 1/2" thick base of cement mortar 1:3 setting and washing the tiles with<br>white cement slurry cement finishing cleaning and polishing etc complete for<br>new work (S.I.No.68/P-55) | TOTAL = | 295.25   | Sft  | 186.04 P Sft    | 54,928  |
| 23  | P/L C C topping cement concrete 1:2:4 in/c surface finishing and dividing into<br>pannels (S.I.No.16d P-42).<br>3" Thick  | TOTAL = | 1,280.00 | Sft  | 4,411.82 % Sft  | 56,471  |
|     | 2" Thick  | TOTAL = | 3,665.50 | Sft  | 3,275.50 % Sft  | 120,063 |
| 24  | Making Notice Board made with cement (S.I.NO.1 P-95)  | TOTAL = | 200.00   | Rft  | 58.11 P.Rft     | 11,622  |
| 25  | White washing 03-Coats (S.I No 26 (b), P-9)   | TOTAL = | 2,008.25 | Sft  | 828.95 % Sft    | 21,647  |
| 26  | Primary coat of chalk under distemper. (S.I.No.23,P.54).  | TOTAL = | 8,567.50 | Sft  | 442.75 % Sft    | 37,933  |
| 27  | Distemping 03-Coats (S.I No 24 (b), P-54)   | TOTAL = | 8,567.50 | Sft  | 1075.65 % Sft   | 92,499  |
| 28  | Painting new surface © Preparing surface and painting of doors and windows<br>any type (in/c edges) (I&II) 3 coats (S.I.No.50/I&iiC-11)   | TOTAL = | 975.05   | Sft  | 2116.41 % Sft   | 20,636  |

| SR# | ITEM OF WORK | UNIT | RATE | QTY | AMOUNT |
|-----|--------------|------|------|-----|--------|
|-----|--------------|------|------|-----|--------|

29 Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand @ 1 Cft per % Sft. (S.I.No. 13/P-7)

TOTAL = 1,280.00 Sft 1887.4 % Sft 24,159

|           |           |
|-----------|-----------|
| Total Rs: | 5,405,311 |
|-----------|-----------|

Non Schedule Item

1 Providing & Laying floor for VERONA Marble Tiles of size 12"x12"x3/4" 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 sulurry. jointing & washing the tiles with sulurry of white cement & pignent to match the colour of tiles. i/c curring granding, rubbing & chemical polishing etc complete etc i/c cutting tiles to proper files. (R.A)

TOTAL = 1,211.75 Sft 310.43 P Sft 376,164

|           |         |
|-----------|---------|
| Total Rs: | 376,164 |
|-----------|---------|

Compound wall

Schedule Items

1 Excavation in foundation of Building, Bridges and other structures including degebellling dressing refiling around structure with refiling around structure with excavaed earth Watering and ramming lead upto 5' feet.(B) (in ordinary soil). (S.I # 18-b p).

TOTAL = 1,545 Cft 3176.25 %0. Cft 4,907

2 Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10 (S.I.No.4b/P-15)

TOTAL = 377 Cft 8694.95 % Sft 32,750

3 Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundation & Plinth (S.I.No.2 (iv), P-27).

TOTAL = 1,500 Cft 25321 % Sft 379,815

4 Damp Proof Course with Cement sand and shingle concrete (1:2:4) in/c 2 coat of asphaltic mixture 2" thick. (S.I.No.28 P-19).

TOTAL = 625 Sft 3912.85 % Sft 24,455

5 Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and left upto 5 feet (S.I.No.21 P-5)

TOTAL = 1,030 Cft 1512.5 %0. Cft 1,558

| SR# | ITEM OF WORK  | QTY   | RATE     | UNIT   | AMOUNT  |
|-----|---|-------|----------|--------|---------|
|     | P/L 1:3:6 cement concrete solid block masonry wall 6" above in thickness set<br>6 in 1:6 cement mortar in G.Floor Super structure in/c racking out joint and<br>curing etc complete (S.I.NO.23/P-19)  |       |          |        |         |
|     | TOTAL =   | 1,060 | 14621.44 | % Cft  | 157,912 |
|     | R.C.C work including all labour and material except the cost of steel<br>reinforcement and its labour for bending and binding which will be paid<br>separately. This rate also includes all kinds of forms, moulds, lifting, shuttering,<br>7 curing, rendering and finishing the exposed surface (including screening and<br>washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, lintels<br>and other structural members laid in situ or precast laid in position. Complete in<br>all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/C-4) |       |          |        |         |
|     | TOTAL =   | 57    | 337.00   | P. Cft | 19,041  |
|     | Fabrication of Tor steel reinforcement for cement concrete including cutting,<br>8 bending, laying in position, making joints and fastening including cost of binding<br>wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)  |       |          |        |         |
|     | TOTAL =   | 2.02  | 5,001.70 | P.Cwt  | 10,093  |
|     | Making & Fixing steel grated doors with 1/16" thick sheeting in/c angle iron<br>9 frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking<br>arrangement (S.I.No.24 P-92)   |       |          |        |         |
|     | TOTAL =   | 60    | 725.72   | P.Sft  | 43,603  |
|     | 10 Cement Plaster 1:4 up to 12 feet height, 1/2" thick. (S.I No.13-C P-52).   |       |          |        |         |
|     | TOTAL =   | 2,200 | 2,263.93 | % Sft  | 50,246  |
|     | 11 Cement Pointing flush on stone work in cement mortar 1:3 (S.I.No.20-cii P-53)  |       |          |        |         |
|     | TOTAL =   | 750   | 1759.66  | % Sft  | 13,186  |
|     | P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required<br>floor and pattern of stile specification jointed in white cement and pigment over<br>12 a base of 1:2 grey cement mortar 3/4" thick in/c washing and filling of joints with<br>slurry of white cement and pigment in desired shape with finishing cleaning and<br>cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P-<br>48)  |       |          |        |         |
|     | TOTAL =   | 42    | 47651.50 | % Sft  | 20,014  |
|     | 13 Primary coat of chalk under distemper. (S.I.No.23,P.54).   |       |          |        |         |
|     | TOTAL =   | 2,200 | 442.75   | % Sft  | 9,741   |
|     | 14 Distemping 03-Coats (S.I No 24 (b), P-54)  |       |          |        |         |
|     | TOTAL =   | 2200  | 1079.65  | % Sft  | 23,752  |

| SR# | ITEM OF WORK | QTY | RATE | UNIT | AMOUNT |
|-----|--------------|-----|------|------|--------|
|-----|--------------|-----|------|------|--------|

Painting new surface @ preparing surface and painting guard bars gates of iron  
 15 bars grating railing (in/c standard braccess etc) & similar opening work.  
 (S.I.No.5d P-76)

TOTAL = 120 Sit 1270.83 % Sit 1,525

|           |         |
|-----------|---------|
| Total Rs: | 792,597 |
|-----------|---------|

## WATER SUPPLY & SANITARY FITTINGS

### Schedule Items

|   |   |        |             |       |                   |
|---|---|--------|-------------|-------|-------------------|
| 1 | Providing & Fixing squatting type white galzed earthenware W.C Pan with front flush inietr & complete wihit i/c the cost of flushing cistern with internal fitting and flush pipe with bend and making requisite number of holes in walls plinth & floor for pipe connection & making good in cement concrete 1:2:4 (Foreign Equivalent) with 4" Dia C.I Trap (S.I.No.2(i), P-1)  | 4 Nos  | 5,728.80    | Each  | 22,915            |
| 2 | P/Fxingin 4" dia C.I Off-set of various length i/c extra painting to match the colour of the Buildings (S.I.No.8, P-10).  | 24 Nos | 702.00      | Each  | 16,848            |
| 3 | Providing & Fixing M.S Clamps of the approved design to 4" dia C.I Pipe socket i/c the cost of cutting & making good to wall on M.S Bolts. nuts 4" into wall i/c pipe distance pieces extra painting to match the colour of the buildings. (S.I.No.2, P-9).   | 12 Nos | 72.16       | Each  | 866               |
| 4 | P/F 24"x18" Lav: Basin in white galzed earthenware complete with & i/c the cost of W.I or C.I cantilever brackets 6 inches built into wall plinth white in 2-coats after a primary coat of led paint, of 1/2" dia chrome plated pillar taps, 1-1/2" rubber plug & chrome bars waste of approved patter 1-1/4" dia Malloable iron C.P Brass unions and making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Standard Pattern) (S.I.No.12, P-4)  | 2 Nos  | 4,694.80    | Each  | 9,390             |
| 5 | Supplying & Fixing C.P brass bib cock 1/2" dia standered pattern.   | 4 Nos  | 145.42      | Each  | 582               |
| 6 | Providing & Fixing handle valvesChina (S.I.No.5 P-17).  |        |             |       |                   |
|   | 1/2" Dia  | 4 Nos: | @ Rs 200.42 | 4 Nos | 200.42 Each 802   |
|   | 3/4" Dia  | 4 No:s | @ Rs 271.92 | 4 Nos | 271.92 Each 1,088 |
| 7 | Construction of main hole or inspection chamber for there or required dia circular sewer and 3'x6' depth walls B.B in cement plaster 1:3 1/2" thick in site of walls and 1" (25mm) thick over benching and channel and i/c fixing C.I main hole cover with frame of clear opening 1-1/2 (457x 457mm) of 1.75 Cwt (88.9 KG) embeded in plinth C.C 1:2:4 and fixing 1 (25mm) dia M.S step 6" (150 MM) wide projecting 4 (102mm) from the face of wall at 12" (305mm) C.C dully painted etc complete as per specification and drawing No D.P -1 of Public Health Circular Southern Zone. | 4 Nos  | 14,743.00   | Each  | 58,992            |
| 8 | Supplying & Fixing Fiber Glass Tank of approved quality, design & wall thickness as specified i/c the cost of nuts, bolts & fixing in plate form of Cement Concrete 1:3:6 & making connections for in-let & out-let & over-flow pipe etc complete. (S.I.No.3(c), P-21).   |        |             |       |                   |
|   | 500 Gallons   | 1 Nos  | 37,505.42   | Each  | 37,505            |

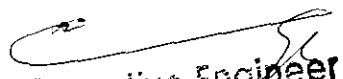
| SR# | ITEM OF WORK  | QTY     | RATE       | UNIT    | AMOUNT            |
|-----|---|---------|------------|---------|-------------------|
| 9   | Providing G.I Pipes specials & clamps etc i/c fixing cutting & fitting complete with & i/c the cost of breaking through wall & roof making good etc painting 2-coats after cleaning the pipe with white zink paint with pigment to match the colour of the building. (S.I.No.1, P-12) |         |            |         |                   |
|     | 1/2" Dia  | 80 RFT  | @ Rs 73.21 | 66 Nos  | 73.21 Each 5,857  |
|     | 3/4" Dia  | 150 RFT | @ Rs 95.79 | 150 Nos | 95.79 Each 14,369 |
| 10  | Providing RCC pipe with collars class "B" & digging the trenches to required depth & fixing in position in/c cutting fitting & jointing with maxphalt composition & cement mortar 1:1 & testing with water pressure to a head of 4 feet the top of the                                |         |            | 60 Nos  | 199.25 Each 6,585 |

|           |         |
|-----------|---------|
| Total Rs: | 179,175 |
|-----------|---------|

Non Schedule

|   |   |       |           |      |        |
|---|---|-------|-----------|------|--------|
| 1 | Supplying & Fixing water pumping set 1/2 H.P mono block single fase 220 volt with 1"x1-1/4 saction & delevary 50ft head i/c making C C 1:3:6 plate form of approved size & fixing with nuts & bolts local made. R.A | 1 Nos | 14,418.00 | Each | 14,418 |
| 2 | Providing & fixing Electric Water Cooler Metalic body 60 gallens (National Make or approval quality i/c filter etc completed. R.A.  | 1 Nos | 70,000.00 | Each | 70,000 |

|           |        |
|-----------|--------|
| Total Rs: | 84,418 |
|-----------|--------|

  
**Executive Engineer**  
 Education Works, Division  
 Thatta.

Name of Work: -

ADP #. 245. (05, UNITS) OF 2017-2018. UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA @ GBPS WALI MUHAMMAD SHORU TALUKA & DISTRICT THATTA.

Main Building  
Schedule B

| SR#                  | ITEM OF WORK   | QTY         | RATE          | AMOUNT    |
|----------------------|--|-------------|---------------|-----------|
| <b>Schedule Item</b> |  |             |               |           |
| 1                    | Excavation in foundation of Building, Bridges and other structures including degebellling dressing refilling around structure with refilling around structure with excavaed earth Watering and ramming lead upto 5' feet.(B) (In ordinary soil). (S.I.# 18-b p). |             |               |           |
|                      | TOTAL =  | 4,142.44 CH | 3176.25 % CH  | 13,157    |
| 2                    | Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10 (S.I.No.4b./P-15)   |             |               |           |
|                      | TOTAL =  | 1,731.84 CH | 806.91 % CH   | 5,101     |
| 3                    | Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundation & Plinth (S.I.No.2 (iv), P-27).  |             |               |           |
|                      | TOTAL =  | 3,212.91 CH | 25321 % CH    | 813,540   |
| 4                    | Damp Proof Course with Cement sand and shingle concrete (1:2:4) in/c 2 coat of asphaltic mixture 2" thick. (S.I.No.28 P-19).<br><u>3" thickness.</u>   |             |               |           |
|                      | TOTAL =  | 756.38 CH   | 41,111 % CH   | 31,604    |
| 5                    | Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and left upto 5 feet (S.I.No.21 P-5)  |             |               |           |
|                      | TOTAL =  | 2,781.83 CH | 16,125 % CH   | 4,477     |
| 6                    | Filling watering and ramming earth in floor with new earth excavated from outside lead upto one chain and left upto 5 feet (S.I.No.22 P-5).  |             |               |           |
|                      | TOTAL =  | 4,599.13 CH | 3,650.90 % CH | 16,947    |
| 7                    | Coursed Rubble Masonary hammer dressed in Ground Floor super structure with cement sand mortor Ratio 1:6 (S.I.No.4-diii P-28).   |             |               |           |
|                      | TOTAL =  | 5,920.18 CH | 26225.48 % CH | 1,556,318 |
| 8                    | P/L 1:3:6 cement concrete solid block masonry wall 6" above in thickness set in 1:6 cement mortor in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.NO.23/P-19)   |             |               |           |
|                      | TOTAL =  | 23.61 CH    | 1,121.14 % CH | 26,475    |

| SR# | ITEM OF WORK   |       |   |              |                |         |
|-----|--|-------|---|--------------|----------------|---------|
|     | R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle) (a) R.C.C work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/I/C-4) |       |   |              |                |         |
|     |  | TOTAL | = | 1,077.00 Cft | 337.01 P Cft   | 532.548 |
| 10  | Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)   |       |   |              |                |         |
|     |  | TOTAL | = | 97.70 Cwt    | 5,001.70 P Cwt | 481.327 |
| 11  | P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for doors using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used making and fixing.(S.I.No: 29/P-93)   |       |   |              |                |         |
|     |  | TOTAL | = | 171.50 RH    | 228.90 P RH    | 39.256  |
| 12  | P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for windows & vent. using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used making and fixing.(S.I.No: 28/P-93)   |       |   |              |                |         |
|     |  | TOTAL | = | 475.00 RH    | 240.00 P RH    | 102.176 |
| 13  | S/F in position iron / steel grill of 3/4" x 1/4" size flate iron of approved design in/c painting 3 coats etc complete (wt. not less then 3.7lbs of finishing grill) (S.I.NO.26 /P-93)  |       |   |              |                |         |
|     |  | TOTAL | = | 251.00 Sft   | 180.50 P Sft   | 45.517  |
| 14  | First class deodar wood wrought joinery in doors and windows etc fixed in position in/c chowkhast hold fasts hings, iron tower bolts chocks cleats handles and cords with hooks etc (S.I.No.7 P-58) Only shutters.   |       |   |              |                |         |
|     |  | TOTAL | = | 457.53 Sft   | 502.55 P Sft   | 440.203 |
| 15  | Cement Plaster 1:6 up to 12 feet height, 3/4"thick.(S.I No.13-C P-52).   |       |   |              |                |         |
|     |  | TOTAL | = | 8,025.00 Sft | 2,590.50 % Sft | 207.896 |
| 16  | Cement Plaster 1:4 up to 12 feet height, 3/8"thick.(S.I No.13-C P-52).   |       |   |              |                |         |
|     |  | TOTAL | = | 8,025.00 Sft | 2,187.00 % Sft | 170.357 |
| 17  | Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No.13-C P-52).   |       |   |              |                |         |
|     |  | TOTAL | = | 542.50 Sft   | 2,283.93 % Sft | 12.390  |
| 18  | Cement Pointing fluidh on stone work in cement mortar1:3 (S.I.No 20-cii P-53)  |       |   |              |                |         |
|     |  | TOTAL | = | 3,148.38 Sft | 1,758.08 % Sft | 55.351  |

| SR# | ITEM OF WORK  | QTY.     | RATE | UNIT            | AMOUNT  |
|-----|---|----------|------|-----------------|---------|
| 19  | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering) (h) Ratio 1:3:6 (S.I.No. 5(h)/C-4)   |          |      |                 |         |
|     | TOTAL =   | 228.78   | Sft  | 128.95 % Cft    | 28,815  |
| 20  | Laying floors of approved coloured glazed tiles 1/4" thick laid in white cement & pigment on a bed of 3/4" thick cement mortar 1:2. (S.I.NO.25/P-43)  |          |      |                 |         |
|     | TOTAL =   | 134.00   | Sft  | 27,747.00 % Sft | 37,181  |
| 21  | White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick in/c finishing (S.I.NO.37/P-45)  |          |      |                 |         |
|     | TOTAL =   | 477.50   | Sft  | 28,253.00 % Sft | 129,784 |
| 22  | P/F 3/8" thick marble tiles of approved quality and colour and shade 8" x 4" or 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc over 1/2" thick base of cement mortar 1:3 setting and washing the tiles with white cement slurry cement finishing cleaning and polishing etc complete for new work (S.I.No.68/P-55) |          |      |                 |         |
|     | TOTAL =   | 295.25   | Sft  | 186.04 P. Sft   | 54,928  |
| 23  | P/L C C topping cement concrete 1:2:4 in/c surface finishing and dividing into pannels pannels (S.I.No.16d P-42)  |          |      |                 |         |
|     | 3" Thick  |          |      |                 |         |
|     | TOTAL =   | 1,288.00 | Sft  | 4,411.87 % Sft  | 56,471  |
|     | 2" Thick  |          |      |                 |         |
|     | TOTAL =   | 3,665.50 | Sft  | 3,275.50 % Sft  | 126,083 |
| 24  | Making Notice Board made with cement (S.I.NO.1 P-95)  |          |      |                 |         |
|     | TOTAL =   | 200.00   | Rft  | 58.11 P Rft     | 11,621  |
| 25  | White washing 03-Coats (S.I No 26 (b), P-9)   |          |      |                 |         |
|     | TOTAL =   | 2,603.25 | Sft  | 829.95 % Sft    | 21,547  |
| 26  | Primary coat of chalk under distemper. (S.I.No.23,P.54).  |          |      |                 |         |
|     | TOTAL =   | 8,597.50 | Sft  | 442.75 % Sft    | 37,933  |
| 27  | Distemping 03-Coats (S.I No 24 (b), P-54)   |          |      |                 |         |
|     | TOTAL =   | 8,567.50 | Sft  | 1,079.00 % Sft  | 92,459  |
| 28  | Painting new surface © Preparing surface and painting of doors and windows any type (in/c edges) (I&II) 3 coats (S.I.No.5©/I&iiC-11)  |          |      |                 |         |
|     | TOTAL =   | 975.00   | Sft  | 2116.41 % Sft   | 20,636  |



| SR# | ITEM OF WORK | QTY | RATE | UNIT | AMOUNT |
|-----|--------------|-----|------|------|--------|
|-----|--------------|-----|------|------|--------|

29 Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand @ 1 Cft per % Sft. (S.I.No. 13/P-7)

TOTAL = 1283.00 Sft 1283.00 Sft 24.158

|          |           |
|----------|-----------|
| Total Rs | 5,405,311 |
|----------|-----------|

Non Schedule Item

1 Providing & Laying floor for VERONA Marble Tiles of size 12"x12"x3/4" 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 sulurry, jointing & washing the tiles with sulurry of white cement & pigment to match the colour of tiles. i/c curring granding, rubbing & chemical polishing etc complete etc i/c cutting tiles to proper files. (R.A)

TOTAL = 1,211.75 Sft 310.43 P Sft 376.164

|          |         |
|----------|---------|
| Total Rs | 376,164 |
|----------|---------|

Compound wall

Schedule Items

1 Excavation in foundation of Building, Bridges and other structures including degebellung dressing refiling around structure with refiling around structure with excavaed earth Watering and ramming lead upto 5' feet.(B) (In ordinary soil). (S.I # 18-b p).

TOTAL = 1,545 Sft 376.25 P Sft 4,100

2 Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10 (S.I.No.4b,/P-15)

TOTAL = 377 CR 6054.00 Sft CR 32,750

3 Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundation & Plinth (S.I.No.2 (iv), P-27).

TOTAL = 1,500 CR 2500 Sft CR 1,800

4 Damp Proof Course with Cement sand and shingle concrete (1:2:4) i/c 2 coat of asphaltic mixture 2" thick. (S.I.No.28 P-19).

TOTAL = 625 Sft 3912.85 Sft 24,458

5 Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and left upto 5 feet (S.I.No.21 P-5)

TOTAL = 1,030 CR 1812.50 Sft CR 1,850

| SR# | ITEM OF WORK  | QTY   | RATE     | UNIT  | AMOUNT  |
|-----|---|-------|----------|-------|---------|
|     | P/L 1:3:6 cement concrete solid block masonry wall 6" above in thickness set<br>6 in 1:6 cement mortar in G.Floor Super structure in/c racking out joint and<br>curing etc complete (S.I.NO.23/P-19)  |       |          |       |         |
|     | TOTAL =   | 1,080 | 14821.44 | % Cft | 157,912 |
|     | R.C.C work including all labour and material except the cost of steel<br>reinforcement and its labour for bending and binding which will be paid<br>separately. This rate also includes all kinds of forms, moulds, lifting, shuttering,<br>7 curing, rendering and finishing the exposed surface (including screening and<br>washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, lintels<br>and other structural members laid in situ or precast laid in position. Complete in<br>all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/C-4) |       |          |       |         |
|     | TOTAL =   | 57    | 337.00   | P Cft | 19,041  |
|     | Fabrication of Tor steel reinforcement for cement concrete including cutting,<br>8 bending, laying in position, making joints and fastening including cost of binding<br>wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)  |       |          |       |         |
|     | TOTAL =   | 2.02  | 5,001.75 | P Cwt | 10,093  |
|     | Making & Fixing steel grated doors with 1/16" thick sheeting in/c angle iron<br>9 frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking<br>arrangement (S.I.No.24 P-92)   |       |          |       |         |
|     | TOTAL =   | 60    | 720.77   | P Sft | 43,246  |
| 10  | Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No.13-C P-52).  |       |          |       |         |
|     | TOTAL =   | 2,200 | 2,283.93 | % Sft | 50,246  |
| 11  | Cement Pointing flush on stone work in cement mortar1:3 (S.I.No.20-cii P-53)  |       |          |       |         |
|     | TOTAL =   | 750   | 1758.08  | % Sft | 13,186  |
| 12  | P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required<br>floor and pattern of stile specification jointed in white cement and pigment over<br>a base of 1:2 grey cement mortar 3/4" thick in/c washing and filling of joints with<br>slurry of white cement and pigment in desired shape with finishing cleaning and<br>cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P-<br>48)   |       |          |       |         |
|     | TOTAL =   | 42    | 476.19   | Sft   | 20,014  |
| 13  | Primary coat of chalk under distemper. (S.I.No.23,P.54).  |       |          |       |         |
|     | TOTAL =   | 2,200 | 442.75   | % Sft | 9,741   |
| 14  | Distemping 03-Coats (S.I No 24 (b), P-54)   |       |          |       |         |
|     | TOTAL =   | 2200  | 1379.09  | % Sft | 30,352  |

| SR# | ITEM OF WORK | QTY | UNIT | UNIT PRICE | TOTAL |
|-----|--------------|-----|------|------------|-------|
|-----|--------------|-----|------|------------|-------|

Painting new surface @ preparing surface and painting guard bars gates of iron  
 15 bars grating railing (in/c standard braccess etc) & similar opening work.  
 (S.I.No.5d P-76)

TOTAL 120 Sft 1270.00 % Sft 1525

|           |         |
|-----------|---------|
| Total Rs: | 792,597 |
|-----------|---------|

### WATER SUPPLY & SANITARY FITTINGS

#### Schedule Items

|   |   |        |      |           |        |
|---|---|--------|------|-----------|--------|
| 1 | Providing & Fixing squatting type white galzed earthenware W.C Pan with front flush inletr & complete with i/c the cost of flushing cistern with internal fitting and flush pipe with bend and making requisite number of holes in walls plinth & floor for pipe connection & making good in cement concrete 1:2:4 (Foreign Equivalant) with 4" Dia C.I Trap (S.I.No 2(i), P-1)   | 4 Nos  | Each | 5,728.00  | 22,912 |
| 2 | P/Fxingin 4" dia C.I Off-set of various length i/c extra painting to match the colour of the Buildings (S.I.No.8, P-10).  | 24 Nos | Each | 33.00     | 792.00 |
| 3 | Providing & Fixing M.S Clamps of the approved design to 4" dia C.I Pipe socket i/c the cost of cutting & making good to wall on M.S Bolts, nuts 4" into wall i/c pipe distance pieces extra painting to match the colour of the buildings. (S.I.No.2, P-9).   | 12 Nos | Each | 72.00     | 864    |
| 4 | P/F 24"x18" Lav: Basin in white galzed earthenware complete with & i/c the cost of W.I or C.I cantilever brackets 6 inches built into wall plinth white in 2-coats after a primary coat of led paint, of 1/2" dia chrome plated pillar taps, 1-1/2" rubber plug & chrome bars waste of approved pattern 1 1/4" dia Malleable iron C.P Brass unions and making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Standard Pattern) (S.I.No.12, P-4)   | 2 Nos  | Each | 4,895.00  | 9,790  |
| 5 | Supplying & Fixing C.P brass bib cock 1/2" dia standered pattern.   | 4 Nos  | Each | 145.42    | 582    |
| 6 | Providing & Fixing handle valvesChina (S.I.No.5 P-17).  |        |      |           |        |
|   | 1/2" Dia  | 4 Nos  | @    | Rs 200.42 | 802    |
|   | 3/4" Dia  | 4 Nos  | @    | Rs 271.92 | 1,088  |
| 7 | Construction of main hole or inspection chamber for there or required dia circular sewer and 3'x6' depth walls B.B in cement plaster 1:3 1/2" thick in site of walls and 1" (25mm) thick over benching and channel and i/c fixing C.I main hole cover with frame of clear opening 1-1/2 (457x 457mm) of 1.75 Cwt (88.9 KG) embeded in plinth C.C 1:2:4 and fixing 1 (25mm) dia M.S step 6" (150 MM) wide projecting 4 (102mm) from the face of wall at 12" (305mm) C.C dully painted etc complete as per specification and drawing No D.P -1 of Public Health Circular Southern Zone. | 4 Nos  | Each | 14,748.00 | 58,992 |
| 8 | Supplying & Fixing Fiber Glass Tank of approved quality, design & wall thickness as specified i/c the cost of nuts, bolts & fixing in plate form of Cement Concrete 1:3:6 & making connections for in-let & out-let & over-flow pipe etc complete. (S.I.No.3(c), P-21).   |        |      |           |        |
|   | 500 Gallons   | 1 Nos  | Each | 37,505.42 | 37,505 |


| SR# | ITEM OF WORK   |     |     |            |         |        |
|-----|--|-----|-----|------------|---------|--------|
| 9   | Providing G.I Pipes specials & clamps etc i/c fixing cutting & fitting complete with & i/c the cost of breaking through wall & roof making good etc painting 2-coats after cleaning the pipe with white zink paint with pigment to match the colour of the building. (S.I.No.1, P-12). |     |     |            |         |        |
|     | 1/2" Dia   | 80  | RFT | @ Rs 73.21 | 80 Nos  | 5,857  |
|     | 3/4" Dia   | 150 | RFT | @ Rs 95.79 | 150 Nos | 14,369 |
| 10  | Providing RCC pipe with collars class "B" & digging the trenches to required depth & fixing in position i/c cutting fitting & jointing with maxphalt composition & cement mortar 1:1 & testing with water pressure to a head of 4 feet the top of the                                  |     |     |            | 50 Nos  | 9,903  |

|           |         |
|-----------|---------|
| Total Rs: | 179,179 |
|-----------|---------|

Non Schedule

|   |   |  |  |  |       |        |
|---|---|--|--|--|-------|--------|
| 1 | Supplying & Fixing water pumping set 1/2 H.P mono block single fase 220 watt with 1"x1-1/4 saction & delevary 50ft head i/c making C C 1:3:6 plate form of approved size & fixing with nuts & bolts local made. R.A |  |  |  | 1 Nos | 14,418 |
| 2 | Providing & fixing Electric Water Cooler Metallic body 60 gallens (National make or approval quality i/c filter etc completed. R.A.   |  |  |  | 1 Nos | 70,000 |

|           |        |
|-----------|--------|
| Total Rs. | 84,418 |
|-----------|--------|

  
**Executive Engineer**  
 Education Works - Division  
 Thatta.

Name of Work: -

ADP #, 245, (05, UNITS) OF 2017-2018. UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA @ GGP'S KETI BUNDER, TALUKA KETI BUNDER DISTRICT THATTA.

Main Building  
Schedule B

| SR# | ITEM OF WORK | QTY. | RATE | UNIT | AMOUNT |
|-----|--------------|------|------|------|--------|
|-----|--------------|------|------|------|--------|

Schedule Item

|   |   |         |          |     |                |           |
|---|---|---------|----------|-----|----------------|-----------|
| 1 | Excavation in foundation of Building, Bridges and other structures including degebellling dressing refiling around structure with refilling around structure with excavaed earth Watering and ramming lead upto 5' feet (B) (in ordinary soil). (S.I # 18-b p). | TOTAL = | 4,142.44 | Cft | 3176.25 % Cft  | 13.157    |
| 2 | Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10 (S.I.No.4b,/P-15)  | TOTAL = | 1,731.84 | Cft | 8694.96 % Cft  | 150.108   |
| 3 | Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundation & Plinth (S.I.No.2 (iv), P-27).   | TOTAL = | 3,219.91 | Cft | 760.71 % Cft   | 313.640   |
| 4 | Damp Proof Course with Cement sand and shingle concrete (1:2:4) in/c 2 coat of asphaltic mixture 2" thick. (S.I.No.28 P-19).<br><u>3" thickness.</u>  | TOTAL = | 738.78   | Cft | 4989.18 % Cft  | 37.054    |
| 5 | Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and left upto 5 feet (S.I.No.21 P-5)   | TOTAL = | 2,781.63 | Cft | 1512.6 % Cft   | 4.177     |
| 6 | Filling watering and ramming earth in floor with new earth excavated from outside lead upto one chain and left upto 5 feet (S.I.No.22 P-5).   | TOTAL = | 4,998.15 | Cft | 3,630.90 % Cft | 18.140    |
| 7 | Coursed Rubble Masonary hammer dressed in Ground Floor super structure with cement sand mortor Ratio 1:6 (S.I.No.4-diii P-28).  | TOTAL = | 5,929.70 | Cft | 2070.17 % Cft  | 1,680.310 |
| 8 | P/L 1:3:6 cement concrete solid block masonry wall 6" above in thickness set in 1:6 cement mortor in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.NO.23/P-19)  | TOTAL = | 73.90    | Cft | 14821.44 % Cft | 11.470    |

| SR# | ITEM OF WORK   | QTY.     | RATE     | UNIT  | AMOUNT  |
|-----|--|----------|----------|-------|---------|
| 9   | R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle) (a) R.C.C work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/C-4) | 1,877.60 | 337.00   | Cft   | 632,546 |
|     | TOTAL =  |          |          |       |         |
| 10  | Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)   | 92.17    | 5,001.70 | Cwt   | 461,027 |
|     | TOTAL =  |          |          |       |         |
| 11  | P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for doors using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used making and fixing (S.I.No: 29/P-93)   | 171.50   | 228.50   | Rft   | 39,258  |
|     | TOTAL =  |          |          |       |         |
| 12  | P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for windows & vent. using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used making and fixing (S.I.No: 28/P-93)   | 425.00   | 240.50   | Rft   | 103,175 |
|     | TOTAL =  |          |          |       |         |
| 13  | S/F in position iron / steel grill of 3/4" x 1/4" size flate iron of approved design in/c painting 3 coats etc complete (wt. not less then 3.7lbs of finsihing grill) (S.I.NO.26 /P-93)  | 251.06   | 180.50   | Sft   | 45,317  |
|     | TOTAL =  |          |          |       |         |
| 14  | First class deodar wood wrought joinery in doors and windows etc fixed in position in/c chowkhast hold fasts hings, iron tower bolts chocks cleats handles and cords with hooks etc (S.I.No.7 P-58) Only shutters.   | 487.53   | 902.93   | Sft   | 440,203 |
|     | TOTAL =  |          |          |       |         |
| 15  | Cement Plaster 1:6 up to 12 feet height, 3/4"thick.(S.I No.13-C P-52).   | 8,025.00 | 2,593.50 | % Sft | 207,888 |
|     | TOTAL =  |          |          |       |         |
| 16  | Cement Plaster 1:4 up to 12 feet height, 3/8"thick.(S.I No.13-C P-52).   | 8,025.00 | 2,157.52 | % Sft | 176,351 |
|     | TOTAL =  |          |          |       |         |
| 17  | Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No.13-C P-52).   | 542.50   | 2,283.93 | % Sft | 12,390  |
|     | TOTAL =  |          |          |       |         |
| 18  | Cement Pointing fludh on stone work in cement mortar1:3 (S.I.No.20-cii P-53)   | 3,148.38 | 1,758.08 | % Sft | 55,351  |
|     | TOTAL =  |          |          |       |         |

| SR# | ITEM OF WORK  | QTY      | RATE | AMOUNT    | UNIT   |
|-----|---|----------|------|-----------|--------|
| 19  | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering) (h) Ratio 1:3:6 (S.I.No. 5(h)/C-4)   |          |      |           |        |
|     | TOTAL =   | 228.73   | Sft  | 12595     | % Cft  |
| 20  | Laying floors of approved coloured glazed tiles 1/4" thick laid in white cement & pigment on a bed of 3/4" thick cement mortar 1:2. (S.I.NO.25/P-43)  |          |      |           |        |
|     | TOTAL =   | 134.09   | Sft  | 27747     | % Sft  |
| 21  | White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick in/c finishing (S.I.NO.37/P-45)  |          |      |           |        |
|     | TOTAL =   | 427.50   | Sft  | 28,253.61 | % Sft  |
| 22  | P/F 3/8" thick marble tiles of approved quality and colour and shade 8" x 4" or 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc over 1/2" thick base of cement mortar 1:3 setting and washing the tiles with white cement slurry cement finishing cleaning and polishing etc complete for new work (S.I.No.68/P-55) |          |      |           |        |
|     | TOTAL =   | 295.25   | Sft  | 188.04    | P. Sft |
| 23  | P/L C C topping cement concrete 1:2:4 in/c surface finishing and dividing into pannels pannels (S.I.No.16d P-42)  |          |      |           |        |
|     | 3" Thick  |          |      |           |        |
|     | TOTAL =   | 1283.00  | Sft  | 4,415.61  | % Sft  |
|     | 2" Thick  |          |      |           |        |
|     | TOTAL =   | 3,665.50 | Sft  | 3,275.50  | % Sft  |
| 24  | Making Notice Board made with cement (S.I.NO.1 P-95)  |          |      |           |        |
|     | TOTAL =   | 209.00   | Rft  | 56.11     | P Rft  |
| 25  | White washing 03-Coats (S.I No 26 (b), P-9)   |          |      |           |        |
|     | TOTAL =   | 2,605.25 | Sft  | 2,315.00  | % Sft  |
| 26  | Primary coat of chalk under distemper. (S.I.No.23,P.54).  |          |      |           |        |
|     | TOTAL =   | 3,601.50 | Sft  | 459.71    | % Sft  |
| 27  | Distemping 03-Coats (S.I No 24 (b), P-54)   |          |      |           |        |
|     | TOTAL =   | 8,567.50 | Sft  | 1075.65   | % Sft  |
| 28  | Painting new surface © Preparing surface and painting of doors and windows any type (in/c edges) (I&II) 3 coats (S.I.No.5©/I&iiC-11)  |          |      |           |        |
|     | TOTAL =   | 975.05   | Sft  | 2116.41   | % Sft  |

| SR# | ITEM OF WORK | UNIT | QTY | UNIT PRICE | TOTAL |
|-----|--------------|------|-----|------------|-------|
|-----|--------------|------|-----|------------|-------|

29 Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand @ 1 Cft per % Sft. (S.I.No. 13/P-7)

TOTAL = 1,197.00 Cft 18874 % Sft 22,184

|          |           |
|----------|-----------|
| Total Rs | 1,405,311 |
|----------|-----------|

#### Non Schedule Item

1 Providing & Laying floor for VERONA Marble Tiles of size 12"x12"x3/4" 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 sulurry, jointing & washing the tiles with sulurry of white cement & pigment to match the colour of tiles. i/c curring granding, rubbing & chemical polishing etc complete etc i/c cutting tiles to proper files. (R.A)

TOTAL = 1,211.75 Sft 31642 P Sft 376,164

|          |         |
|----------|---------|
| Total Rs | 376,164 |
|----------|---------|

#### Compund wall

#### Schedule Items

1 Excavation in foundation of Building, Bridges and other structures including degebellng dressing refiling around structure with refilling around structure with excavaed earth Watering and ramming lead upto 5' feet (B) (In ordinary soil). (S.I # 18-b p).

TOTAL = 1,545 Cft 3176.25 % Sft 4,107

2 Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10 (S.I.No.4b,/P-15)

TOTAL = 377 Cft 1664.5 % Sft 32,750

3 Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundation & Plinth (S.I.No.2 (iv), P-27).

TOTAL = 1,506 Cft 25321 % Cft 375,015

4 Damp Proof Course with Cement sand and shingle concrete (1:2:4) in/c 2 coat of asphaltic mixture 2" thick. (S.I.No.28 P-19).

TOTAL = 625 Sft 3912.5 % Sft 24,456

5 Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and left upto 5 feet (S.I.No.21 P-5)

TOTAL = 1,036 Cft 1512.5 % Sft 1,950



| SR# | ITEM OF WORK  | QTY.  | RATE     | UNIT  | AMOUNT  |
|-----|---|-------|----------|-------|---------|
| 6   | P/L 1:3:6 cement concrete solid block masonry wall 6" above in thickness set in 1:6 cement mortar in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.NO.23/P-19)  | 1,080 | 14621.54 | Cft   | 157,912 |
|     | TOTAL   | 1,080 | 14621.54 | Cft   | 157,912 |
| 7   | R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, rafters, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/I/C-4) | 57    | 337.00   | Cwt   | 19,041  |
|     | TOTAL   | 57    | 337.00   | Cwt   | 19,041  |
| 8   | Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)  | 2.02  | 5,001.50 | Cwt   | 10,093  |
|     | TOTAL   | 2.02  | 5,001.50 | Cwt   | 10,093  |
| 9   | Making & Fixing steel grated doors with 1/16" thick sheeting in/c angle iron frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking arrangement (S.I.No.24 P-92)   | 60    | 725.72   | Sft   | 43,503  |
|     | TOTAL   | 60    | 725.72   | Sft   | 43,503  |
| 10  | Cement Plaster 1:4 up to 12 feet height, 1/2" thick. (S.I No.13-C P-52).  | 2,200 | 2,283.83 | % Sft | 50,246  |
|     | TOTAL   | 2,200 | 2,283.83 | % Sft | 50,246  |
| 11  | Cement Pointing flush on stone work in cement mortar 1:3 (S.I.No.20-cii P-53)   | 750   | 1755.00  | % Sft | 13,166  |
|     | TOTAL   | 750   | 1755.00  | % Sft | 13,166  |
| 12  | P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required floor and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick in/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P-48)   | 42    | 4765.56  | % Sft | 20,014  |
|     | TOTAL   | 42    | 4765.56  | % Sft | 20,014  |
| 13  | Primary coat of chalk under distemper. (S.I.No.23,P.54).  | 2,200 | 442.75   | % Sft | 9,741   |
|     | TOTAL   | 2,200 | 442.75   | % Sft | 9,741   |
| 14  | Distemping 03-Coats (S.I No 24 (b), P-54)   | 2260  | 1079.65  | % Sft | 25,752  |
|     | TOTAL   | 2260  | 1079.65  | % Sft | 25,752  |

| SR# | ITEM OF WORK | QTY | UNIT | RATE | AMOUNT |
|-----|--------------|-----|------|------|--------|
|-----|--------------|-----|------|------|--------|

Painting new surface @ preparing surface and painting guard bars gates of iron  
 15 bars grating railing (in/c standard braccess etc) & similar opening work.  
 (S.I.No.5d P-76)

TOTAL = 120 Sq Ft 1270.83 Rs. Sq Ft 1.525

|           |         |
|-----------|---------|
| Total Rs: | 792,597 |
|-----------|---------|

## WATER SUPPLY & SANITARY FITTINGS

### Schedule Items

|   |   |        |      |           |          |
|---|---|--------|------|-----------|----------|
| 1 | Providing & Fixing squatting type white galzed earthenware W.C Pan with front flush inletr & complete wiht i/c the cost of flushing cistern with internal fitting and flush pipe with bend and making requisite number of holes in walls plinth & floor for pipe connection & making good in cement concrete 1:2:4 (Foreign Equivalent) with 4" Dia C.I Trap (S.I.No.2(i), P-1)   | 4 Nos  | Each | 5,728.80  | 22,915   |
| 2 | P/Fxingin 4" dia C.I Off-set of various length i/c extra painting to match the colour of the Buildings (S.I.No.8, P-10).  | 24 Nos | Each | 702.00    | 16,848   |
| 3 | Providing & Fixing M.S Clamps of the approved design to 4" dia C.I Pipe socket i/c the cost of cutting & making good to wall on M.S Bolts, nuts 4" into wall i/c pipe distance pieces extra painting to match the colour of the buildings. (S.I.No.2, P-9).   | 12 Nos | Each | 72.18     | 866      |
| 4 | P/F 24"x18" Lav: Basin in white galzed earthenware complete with & i/c the cost of W.I or C.I cantilever brackets 6 inches built into wall plinth white in 2-coats after a primary coat of led paint, of 1/2" dia chrome plated pillar taps, 1-1/2" rubber plug & chrome bars waste of approved patter, 1-1/4" dia Malleable iron C.P Brass unions and making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Standard Pattern) (S.I.No.12, P-4)   | 2 Nos  | Each | 4,894.80  | 9,789    |
| 5 | Supplying & Fixing C.P brass bib cock 1/2" dia standered pattern.   | 4 Nos  | Each | 24.00     | 96       |
| 6 | Providing & Fixing handle valvesChina (S.I.No.5 P-17).  |        |      |           |          |
|   | 1/2" Dia  | 4 Nos  | @ Rs | 200.42    | 801.68   |
|   | 3/4" Dia  | 4 Nos  | @ Rs | 271.92    | 1,087.68 |
| 7 | Construction of main hole or inspection chamber for there or required dia circular sewer and 3'x6' depth walls B.B in cement plaster 1:3 1/2" thick in site of walls and 1" (25mm) thick over benching and channel and i/c fixing C.I main hole cover with frame of clear opening 1-1/2 (457x 457mm) of 1.75 Cwt (88.9 KG) embeded in plinth C.C 1:2:4 and fixing 1 (25mm) dia M.S step 6" (150 MM) wide projecting 4 (102mm) from the face of wall at 12" (305mm) C.C dully painted etc complete as per specification and drawing No D.P -1 of Public Health Circular Southern Zone. | 4 Nos  | Each | 14,740.00 | 58,960   |
| 8 | Supplying & Fixing Fiber Glass Tank of approved quality, design & wall thickness as specified i/c the cost of nuts, bolts & fixing in plate form of Cement Concrete 1:3:6 & making connections for in-let & out-let & over flow pipe etc complete. (S.I.No.3(c), P-21).   |        |      |           |          |
|   | 500 Gallons   | 1 Nos  | Each | 37,500.00 | 37,500   |

| SR# | ITEM OF WORK | QTY | RATE | UNIT | AMOUNT |
|-----|--------------|-----|------|------|--------|
|-----|--------------|-----|------|------|--------|

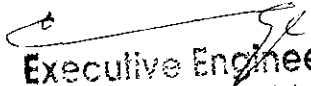
|    |  |     |     |            |                           |
|----|--|-----|-----|------------|---------------------------|
| 9  | Providing G.I Pipes specials & clamps etc i/c fixing cutting & fitting complete with & i/c the cost of breaking through wall & roof making good etc painting 2-coats after cleaning the pipe with white zink paint with pigment to match the colour of the building. (S.I.No.1, P-12). |     |     |            |                           |
|    | 1/2" Dia   | 80  | RFT | @ Rs 73.21 | 80 Nos 73.21 Each 5,857   |
|    | 3/4" Dia   | 150 | RFT | @ Rs 95.79 | 150 Nos 95.79 Each 14,369 |
| 10 | Providing RCC pipe with collars class "B" & digging the trenches to required depth & fixing in position i/c cutting fitting & jointing with maxphalt composition & cement mortar 1:1 & testing with water pressure to a head of 4 feet the top of the                                  |     |     |            | 50 Nos 199.25 Each 9,963  |

|           |         |
|-----------|---------|
| Total Rs: | 179,175 |
|-----------|---------|

Non Schedule

|   |   |   |     |           |      |        |
|---|---|---|-----|-----------|------|--------|
| 1 | Supplying & Fixing water pumping set 1/2 H.P mono block single fase 220 volt with 1"x1-1/4 saction & delevary 50ft head i/c making C C 1:3:6 plate form of approved size & fixing with nuts & bolts local made. R.A | 1 | Nos | 14,417.70 | Each | 14,418 |
| 2 | Providing & fixing Electirc Water Cooler Metallic body 60 gallens (National Make or approval quality i/c filter etc completed. R.A.   | 1 | Nos | 70,000.00 | Each | 70,000 |

|           |        |
|-----------|--------|
| Total Rs: | 84,418 |
|-----------|--------|

  
**Executive Engineer**  
 Education Works - Division  
 Thatta.

Name of Work: -

ADP #. 245, (05, UNITS) OF 2017-2018. UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA @ GGPS PIR PATHO, TALUKA GHORA BARI DISTRICT THATTA.

Main Building  
Schedule B

| SR#                  | ITEM OF WORK  | UNIT         | RATE            | UNIT | AMOUNT    |
|----------------------|---|--------------|-----------------|------|-----------|
| <b>Schedule Item</b> |   |              |                 |      |           |
| 1                    | Excavation in foundation of Building, Bridges and other structures including degebellling dressing refiling around structure with refilling around structure with excavaed earth Watering and ramming lead upto 5' feet.(B) (In ordinary soil). (S.I # 18-b p). |              |                 |      |           |
|                      | TOTAL =   | 4,142.44 Cft | 3176.25 %0. Cft |      | 13,157    |
| 2                    | Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10 (S.I.No.4b,/P-15)  |              |                 |      |           |
|                      | TOTAL =   | 1,731.34 Cft | 6354.95 % Cft   |      | 150,565   |
| 3                    | Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundation & Plinth (S.I.No.2 (iv), P-27).   |              |                 |      |           |
|                      | TOTAL =   | 3,212.51 CR  | 25321 % Cft     |      | 813,540   |
| 4                    | Damp Proof Course with Cement sand and shingle concrete (1:2:4) in/c 2 coat of asphaltic mixture 2" thick. (S.I.No.28 P-19).<br><u>3" thickness.</u>  |              |                 |      |           |
|                      | TOTAL =   | 756.35 Sq    | 4952 % C. Sq    |      | 37,684    |
| 5                    | Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and left upto 5 feet (S.I.No.21 P-5)   |              |                 |      |           |
|                      | TOTAL =   | 2,751.63 Cft | 1512.5 %0. Cft  |      | 4,177     |
| 6                    | Filling watering and ramming earth in floor with new earth excavated from outside lead upto one chain and left upto 5 feet (S.I.No.22 P-5).   |              |                 |      |           |
|                      | TOTAL =   | 4,995.15 Cft | 3,035.00 % Cft  |      | 16,147    |
| 7                    | Coursed Rubble Masonary hammer dressed in Ground Floor super structure with cement sand mortor Ratio 1:6 (S.I.No.4-diii P-28).  |              |                 |      |           |
|                      | TOTAL =   | 5,920.16 Cft | 26228.40 % Cft  |      | 1,556,318 |
| 8                    | P/L 1:3:6 cement concrete solid block masonry wall 6" above in thickness set in 1:6 cement mortor in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.NO.23/P-19)  |              |                 |      |           |
|                      | TOTAL =   | 78.50 Cft    | 14821.00 % Cft  |      | 11,478    |

| SR# | ITEM OF WORK  | QTY      | RATE | UNIT           | AMOUNT  |
|-----|---|----------|------|----------------|---------|
|     | R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/C-4) |          |      |                |         |
|     | TOTAL =   | 1,877.00 | Cft  | 337.00 P Cft   | 632.549 |
|     | Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)  |          |      |                |         |
|     | TOTAL =   | 92.17    | Cwt  | 5,001.70 P.Cwt | 461.027 |
|     | P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for doors using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used making and fixing.(S.I.No: 29/P-93)  |          |      |                |         |
|     | TOTAL =   | 171.50   | Rft  | 2,517.00 P Rft | 43,250  |
|     | P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for windows & vent. using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used making and fixing.(S.I.No: 28/P-93)  |          |      |                |         |
|     | TOTAL =   | 429.00   | Rft  | 240.50 P Rft   | 103.175 |
|     | S/F in position iron / steel grill of 3/4" x 1/4" size flate iron of approved design in/c painting 3 coats etc complete (wt. not less then 3.7lbs of finishing grill) (S.I.NO.26 /P-93)   |          |      |                |         |
|     | TOTAL =   | 251.00   | Sft  | 180.50 P Sft   | 45.317  |
|     | First class deodar wood wrought joinery in doors and windows etc fixed in position in/c chowkhast hold fasts hings, iron tower bolts chocks cleats handles and cords with hooks etc (S.I.No.7 P-58) Only shutters.  |          |      |                |         |
|     | TOTAL =   | 457.00   | Sft  | 600.00 P Sft   | 361,000 |
|     | 15 Cement Plaster 1:6 up to 12 feet height, 3/4"thick.(S.I No.13-C P-52).   |          |      |                |         |
|     | TOTAL =   | 8,025.00 | Sft  | 2,590.50 % Sft | 207,888 |
|     | 16 Cement Plaster 1:4 up to 12 feet height, 3/8"thick.(S.I No.13-C P-52).   |          |      |                |         |
|     | TOTAL =   | 8,025.00 | Sft  | 2197.52 % Sft  | 176,351 |
|     | 17 Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No.13-C P-52).   |          |      |                |         |
|     | TOTAL =   | 542.50   | Sft  | 278.11 % Sft   | 12,390  |
|     | 18 Cement Pointing fludh on stone work in cement mortar1:3 (S.I.No.20-cii P-53)   |          |      |                |         |
|     | TOTAL =   | 3,142.35 | Sft  | 1758.08 % Sft  | 55,551  |

| SR# | ITEM OF WORK  | UNIT | QTY       | UNIT PRICE | TOTAL   |
|-----|---|------|-----------|------------|---------|
|     | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering) (h) Ratio 1:3:6 (S.I.No. 5(h)/C-4)   | Sft  | 12595     | % Cft      | 28,815  |
|     | TOTAL   | =    | 228.78    | Sft        |         |
| 20  | Laying floors of approved coloured glazed tiles 1/4" thick laid in white cement & pigment on a bed of 3/4" thick cement mortar 1:2. (S.I.NO.25/P-43)  | Sft  | 27,747.96 | % Sft      | 37,181  |
|     | TOTAL   | =    | 134.00    | Sft        |         |
| 21  | White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick in/c finishing (S.I.NO.37/P-45)  | Sft  | 28,253.81 | % Sft      | 125,764 |
|     | TOTAL   | =    | 477.90    | Sft        |         |
| 22  | P/F 3/8" thick marble tiles of approved quality and colour and shade 8" x 4" or 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc over 1/2" thick base of cement mortar 1:3 setting and washing the tiles with white cement slurry cement finishing cleaning and polishing etc complete for new work (S.I.No.68/P-55) | Sft  | 188.64    | P Sft      | 54,928  |
|     | TOTAL   | =    | 295.25    | Sft        |         |
| 23  | P/L C C topping cement concrete 1:2:4 in/c surface finishing and dividing into pannels pannels (S.I.No.16d P-42)  |      |           |            |         |
|     | 3" Thick  | Sft  | 4,411.57  | % Sft      | 58,471  |
|     | TOTAL   | =    | 1,280.00  | Sft        |         |
|     | 2" Thick  | Sft  | 3,275.50  | % Sft      | 120,003 |
|     | TOTAL   | =    | 3,655.50  | Sft        |         |
| 24  | Making Notice Board made with cement (S.I.NO.1 P-95)  | Pft  | 55.11     | P Pft      | 11,822  |
|     | TOTAL   | =    | 200.00    | Pft        |         |
| 25  | White washing 03-Coats (S.I No 26 (b), P-9)   | Sft  | 2,101.28  | % Sft      | 21,907  |
|     | TOTAL   | =    | 2,101.28  | Sft        |         |
| 26  | Primary coat of chalk under distemper. (S.I.No.23,P.54).  | Sft  | 442.75    | % Sft      | 37,503  |
|     | TOTAL   | =    | 8,567.50  | Sft        |         |
| 27  | Distemping 03-Coats (S.I No 24 (b), P-54)   | Sft  | 1,079.15  | % Sft      | 50,469  |
|     | TOTAL   | =    | 8,567.50  | Sft        |         |
| 28  | Painting new surface © Preparing surface and painting of doors and windows any type (in/c edges) (I&II) 3 coats (S.I.No.5©/I&iiC-11)  | Sft  | 215.41    | % Sft      | 20,626  |
|     | TOTAL   | =    | 975.00    | Sft        |         |

| SR# | ITEM OF WORK | UNIT | RATE | QTY | AMOUNT |
|-----|--------------|------|------|-----|--------|
|-----|--------------|------|------|-----|--------|

29 Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand @ 1 Cft per % Sft. (S.I.No. 13/P-7)

TOTAL = 1,280.00 Sft 1887.4 % Sft 24,159

Total Rs: 5,405,311

Non Schedule Item

1 Providing & Laying floor for VERONA Marble Tiles of size 12"x12"x3/4" 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 & washing the tiles with slurry of white cement & pigment to match the colour of tiles. i/c curring grinding, rubbing & chemical polishing etc complete etc i/c cutting tiles to proper files. (R.A)

TOTAL = 1,211.75 Sft 310.43 P Sft 376,164

Total Rs: 3,70,164

Compound wall

Schedule Items

1 Excavation in foundation of Building, Bridges and other structures including degebellung dressing refilling around structure with refilling around structure with excavaed earth Watering and ramming lead upto 5' feet.(B) (In ordinary soil). (S.I # 18-b p).

TOTAL = 1,545 Cft 3120.17 P Cft 4,967

2 Cement Concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10 (S.I.No.4b./P-15)

TOTAL = 377 Cft 8694.98 % Cft 32,750

3 Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundation & Plinth (S.I.No.2 (iv), P-27).

TOTAL = 1,500 Cft 213,115.00 Cft 379,815

4 Damp Proof Course wth Cement sand and shingle concrete (1:2:4) in/c 2 coat of asphaltic mixture 2" thick. (S.I.No.28 P-19).

TOTAL = 625 Sft 3912.06 % Sft 24,455

5 Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and left upto 5 feet (S.I.No.21 P-5)

TOTAL = 1,030 Cft 1512.5 % Cft 1,558

| SR# | ITEM OF WORK | QTY | RATE | UNIT | AMOUNT |
|-----|--------------|-----|------|------|--------|
|-----|--------------|-----|------|------|--------|

P/L 1:3:6 cement concrete solid block masonry wall 6" above in thickness set  
6 in 1:6 cement mortar in G.Floor Super structure in/c racking out joint and  
curing etc complete (S.I.No.23/P-19)

TOTAL = 1,080 Cr 14621.44 % Cr 157,912

R.C.C work including all labour and material except the cost of steel  
reinforcement and its labour for bending and binding which will be paid  
separately. This rate also includes all kinds of forms, moulds, lifting, shuttering  
7 curing, rendering and finishing the exposed surface (including screening and  
washing of shingle (a) R.C.C work in roof slab, beams, columns, rafters, lintels  
and other structural members laid in situ or precast laid in position. Complete in  
all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/i/C-4)

TOTAL = 57 Cr 337.90 P Cr 19,041

Fabrication of Tor steel reinforcement for cement concrete including cutting,  
8 bending, laying in position, making joints and fastening including cost of binding  
wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)

TOTAL = 2.02 Cwt 5,001.70 P Cwt 10,093

Making & Fixing steel grated doors with 1/16" thick sheeting in/c angle iron  
9 frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking  
arrangement (S.I.No.24 P-92)

TOTAL = 60 Sht 726.72 P Sht 43,603

10 Cement Plaster 1:4 up to 12 feet height, 1/2" thick. (S.I No.13-C P-52).

TOTAL = 2,200 Sht 2,283.90 % Sht 50,240

11 Cement Pointing flush on stone work in cement mortar 1:3 (S.I.No.20-cii P-53)

TOTAL = 750 Sht 1,768.50 % Sht 15,160

P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required  
floor and pattern of stile specification jointed in white cement and pigment over  
12 a base of 1:2 grey cement mortar 3/4" thick in/c washing and filling of joints with  
slurry of white cement and pigment in desired shape with finishing cleaning and  
cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P-  
48)

TOTAL = 42 Sht 413.70 % Sht 20,340

13 Primary coat of chalk under distemper. (S.I.No.23,P.54)

TOTAL = 2,200 Cr 442.75 % Sht 9,741

14 Distemping 03-Coats (S.I No 24 (b), P-54)

TOTAL = 2200 Sht 1079.05 % Sht 23,752



| SR# | ITEM OF WORK  | QTY | RATE    | UNIT   | AMOUNT     |
|-----|---|-----|---------|--------|------------|
| 15  | Painting new surface @ preparing surface and painting guard bars gates of iron bars grating railing (in/c standard braccess etc) & similar opening work. (S.I.No.5d P-76) |     |         |        |            |
|     | TOTAL   | 120 | 6516.67 | Sq. Ft | 782,000.40 |

|           |         |
|-----------|---------|
| Total Rs: | 792,597 |
|-----------|---------|

## WATER SUPPLY & SANITARY FITTINGS

### Schedule Items

|   |   |    |      |           |        |        |
|---|---|----|------|-----------|--------|--------|
| 1 | Providing & Fixing squatting type white galzed earthenware W.C Pan with front flush inletr & complete wiht i/c the cost of flushing cistern with internal fitting and flush pipe with bend and making requisite number of holes in walls plinth & floor for pipe connection & making good in cement concrete 1:2:4 (Foreign Equivalent) with 4" Dia C.I Trap (S.I.No.2(i), P-1)   | 4  | Nos  | 5,728.80  | Each   | 22,915 |
| 2 | P/Fxingin 4" dia C.I Off-set of various length i/c extra painting to match the colour of the Buildings (S.I.No.8, P-10).  | 24 | Nos  | 702.50    | Each   | 16,848 |
| 3 | Providing & Fixing M.S Clamps of the approved design to 4" dia C.I Pipe socket i/c the cost of cutting & making good to wall on M.S Bolts, nuts 4" into wall i/c pipe distance pieces extra painting to match the colour of the buildings. (S.I.No.2, P-9).   | 12 | Nos  | 72.16     | Each   | 866    |
| 4 | P/F 24"x18" Lav: Basin in white galzed earthenware complete with & i/c the cost of W.I or C.I cantilever brackets 6 inches built into wall plinth white in 2-coats after a primary coat of led paint, of 1/2" dia chrome plated pillar taps, 1-1/2" rubber plug & chrome bars waste of approved patter, 1-1/4" dia Malloable iron C.P Brass unions and making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Standard Pattern) (S.I.No.12, P-4)   | 2  | Nos  | 4,694.00  | Each   | 9,388  |
| 5 | Supplying & Fixing C.P brass bib cock 1/2" dia standered pattern.   | 4  | Nos  | 145.42    | Each   | 582    |
| 6 | Providing & Fixing handle valvesChina (S.I.No.5 P-17).  |    |      |           |        |        |
|   | 1/2" Dia  | 4  | Nos: | @ Rs      | 200.42 | 802    |
|   | 3/4" Dia  | 4  | Nos  | @ Rs      | 271.92 | 1,088  |
| 7 | Construction of main hole or inspection chamber for there or required dia circular sewer and 3'x6' depth walls B.B in cement plaster 1:3 1/2" thick in site of walls and 1" (25mm) thick over benching and channel and i/c fixing C.I main hole cover with frame of clear opening 1-1/2 (457x 457mm) of 1.75 Cwt (88.9 KG) embeded in plinth C.C 1:2:4 and fixing 1 (25mm) dia M.S step 6" (150 MM) wide projecting 4 (102mm) from the face of wall at 12" (305mm) C.C dully painted etc complete as per specification and drawing No D.P -1 of Public Health Circular Southern Zone. | 4  | Nos  | 14,248.50 | Each   | 56,992 |
| 8 | Supplying & Fixing Fiber Glass Tank of approved quality, design & wall thickness as specified i/c the cost of nuts, bolts & fixing in plate form of Cement Concrete 1:3:6 & making connections for in-let & out-let & over-flow pipe etc complete. (S.I.No.3(c), P-21).   |    |      |           |        |        |
|   | 500 Gallons   | 1  | Nos  | 37505.42  | Each   | 37,505 |

| SR# | ITEM OF WORK   | QTY     | RATE        | AMOUNT   |
|-----|--|---------|-------------|----------|
| 9   | Providing G.I Pipes specials & clamps etc i/c fixing cutting & fitting complete with & i/c the cost of breaking through wall & roof making good etc painting 2-coats after cleaning the pipe with white zink paint with pigment to match the colour of the building. (S.I.No.1, P-12). |         |             |          |
|     | 1/2" Dia   | 80 RFT  | @ Rs 73.21  | 5857.20  |
|     | 3/4" Dia   | 150 RFT | @ Rs 95.79  | 14368.50 |
| 10  | Providing RCC pipe with collars class "B" & digging the trenches to required depth & fixing in position i/c cutting fitting & jointing with maxphalt composition & cement mortar 1;1 & testing with water pressure to a head of 4 feet the top of the                                  | 50 Nos  | 199.25 Each | 9962.50  |

|           |         |
|-----------|---------|
| Total Rs: | 179,175 |
|-----------|---------|

### Non Schedule

|   |   |       |                |           |
|---|---|-------|----------------|-----------|
| 1 | Supplying & Fixing water pumping set 1/2 H.P mono block single fase 220 volt with 1"x1-1/4 saction & delevary 50ft head i/c making C C 1:3:6 plate form of approved size & fixing with nuts & bolts local made. R.A | 1 Nos | 14,417.75 Each | 14,417.75 |
| 2 | Providing & fixing Electric Water Cooler Metallic body 60 gallens (National make or approval quality i/c filter etc completed. R.A.   | 1 Nos | 70,000.00 Each | 70,000.00 |

|           |        |
|-----------|--------|
| Total Rs: | 84,418 |
|-----------|--------|

*Signature*  
**Executive Engineer**  
 Education Works, Division  
 Thatta.

Name of Work: -

ADP #. 245, (05, UNITS) OF 2017-2018. UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA @ GBPS ANWER JAMARI, TALUKA MIRPUR SAKRO DISTRICT THATTA.

Main Building  
Schedule B

| SR#           | ITEM OF WORK  | QTY      | RATE | UNIT             | AMOUNT    |
|---------------|---|----------|------|------------------|-----------|
| Schedule Item |   |          |      |                  |           |
| 1             | Excavation in foundation of Building, Bridges and other structures including degebellling dressing refiling around structure with refilling around structure with excavaed earth Watering and ramming lead upto 5' feet.(B) (In ordinary soil). (S.I # 18-b p). |          |      |                  |           |
|               | TOTAL =   | 4,142.44 | Cft  | 3176.25 %0. Cft  | 13,157    |
| 2             | Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10 (S.I.No.4b,/P-15)  |          |      |                  |           |
|               | TOTAL =   | 1,731.64 | Cft  | 8694.95 % Cft    | 150,565   |
| 3             | Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundation & Plinth (S.I.No.2 (iv), P-27).   |          |      |                  |           |
|               | TOTAL =   | 3,212.91 | Cft  | 25321 % Cft      | 813,540   |
| 4             | Damp Proof Course wth Cement sand and shingle concrete (1:2:4) in/c 2 coat of asphaltic mixture 2" thick. (S.I.No.28 P-19).<br><u>3" thickness.</u>   |          |      |                  |           |
|               | TOTAL =   | 756.34   | Sft  | 4982.18 % Cft    | 37,684    |
| 5             | Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and left upto 5 feet (S.I.No.21 P-5)   |          |      |                  |           |
|               | TOTAL =   | 2,761.63 | Cft  | 1512.5 %0. Cft   | 4,177     |
| 6             | Filling watering and ramming earth in floor with new earth excavated from outside lead upto one chain and left upto 5 feet (S.I.No.22 P-5).   |          |      |                  |           |
|               | TOTAL =   | 4,999.13 | Cft  | 3,030.00 %0. Cft | 18,147    |
| 7             | Coursed Rubble Masonary hammer dressed in Ground Floor super structure with cement sand mortor Ratio 1:6 (S.I.No.4-diii P-28).  |          |      |                  |           |
|               | TOTAL =   | 5,920.18 | Cft  | 28269.46 % Cft   | 1,556,318 |
| 8             | P/L 1:3:6 cement concrete solid block masonry wall 6" above in thickness set in 1:6 cement mortar in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.NO.23/P-19)  |          |      |                  |           |
|               | TOTAL =   | 78.50    | Cft  | 14621.44 % Cft   | 11,478    |

| SR# | ITEM OF WORK   | QTY | RATE     | UNIT | AMOUNT         |         |
|-----|--|-----|----------|------|----------------|---------|
|     | R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, ratts, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/I/C-4) |     |          |      |                |         |
|     | TOTAL  | =   | 1,877.00 | Cft  | 337.00 P.Cft   | 631,549 |
|     | Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)   |     |          |      |                |         |
|     | TOTAL  | =   | 92.17    | Cwt  | 5,001.70 P.Cwt | 461,027 |
|     | P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for doors using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used making and fixing.(S.I.No: 29/P-93)   |     |          |      |                |         |
|     | TOTAL  | =   | 171.50   | Rft  | 225.00 P.Rft   | 39,250  |
|     | P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for windows & vent. using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used making and fixing.(S.I.No: 28/P-93)   |     |          |      |                |         |
|     | TOTAL  | =   | 429.00   | Rft  | 245.00 P.Pft   | 109,475 |
|     | S/F in position iron / steel grill of 3/4" x 1/4" size flate iron of approved design in/c painting 3 coats etc complete (wt. not less then 3.7lbs of finishing grill) (S.I.NO.26 /P-93)  |     |          |      |                |         |
|     | TOTAL  | =   | 251.00   | Sft  | 180.50 P.Sft   | 45,317  |
|     | First class deodar wood wrought joinery in doors and windows etc fixed in position in/c chowkhast hold fasts hings, iron tower bolts chocks cleats handies and cords with hooks etc (S.I.No.7 P-58) Only shutters.   |     |          |      |                |         |
|     | TOTAL  | =   | 48.00    | Sft  | 90.00 P.Sft    | 43,200  |
|     | 15 Cement Plaster 1:6 up to 12 feet height, 3/4"thick.(S.I No.13-C P-52).  |     |          |      |                |         |
|     | TOTAL  | =   | 8,025.00 | Sft  | 2,589.00 % Sft | 207,880 |
|     | 16 Cement Plaster 1:4 up to 12 feet height, 3/8"thick.(S.I No.13-C P-52).  |     |          |      |                |         |
|     | TOTAL  | =   | 8,025.00 | Sft  | 2197.52 % Sft  | 176,351 |
|     | 17 Cement Plaster 1:4 up to 12 feet height, 1/2"thick.(S.I No.13-C P-52).  |     |          |      |                |         |
|     | TOTAL  | =   | 542.50   | Sft  | 2,283.93 % Sft | 12,390  |
|     | 18 Cement Pointing fludh on stone work in cement mortar1:3 (S.I.No.20-cii P-53)  |     |          |      |                |         |
|     | TOTAL  | =   | 3,145.00 | Sft  | 1758.00 % Sft  | 55,051  |

| SR# | ITEM OF WORK  | QTY      | RATE | UNIT            | AMOUNT  |
|-----|---|----------|------|-----------------|---------|
| 19  | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering) (h) Ratio 1:3:6 (S.I.No. 5(h)/C-4)   |          |      |                 |         |
|     | TOTAL =   | 228.78   | Sft  | 125.95 % Cft    | 28,815  |
| 20  | Laying floors of approved coloured glazed tiles 1/4" thick laid in white cement & pigment on a bed of 3/4" thick cement mortar 1:2. (S.I.NO.25/P-43)  |          |      |                 |         |
|     | TOTAL =   | 134.00   | Sft  | 27,747.06 % Sft | 37,181  |
| 21  | White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick in/c finishing (S.I.NO.37/P-45)  |          |      |                 |         |
|     | TOTAL =   | 427.50   | Sft  | 28,265.11 % Sft | 12,0784 |
| 22  | P/F 3/8" thick marble tiles of approved quality and colour and shade 8" x 4" or 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc over 1/2" thick base of cement mortar 1:3 setting and washing the tiles with white cement slurry cement finishing cleaning and polishing etc complete for new work (S.I.No.68/P-55) |          |      |                 |         |
|     | TOTAL =   | 295.25   | Sft  | 186.04 P Sft    | 54,928  |
| 23  | P/L C C topping cement concrete 1:2:4 in/c surface finishing and dividing into pannels pannels (S.I.No.16d P-42).   |          |      |                 |         |
|     | 3" Thick  |          |      |                 |         |
|     | TOTAL =   | 1,280.00 | Sft  | 4,411.82 % Sft  | 56,471  |
|     | 2" Thick  |          |      |                 |         |
|     | TOTAL =   | 3,688.50 | Sft  | 3,275.50 % Sft  | 120,163 |
| 24  | Making Notice Board made with cement (S.I.NO.1 P-95)  |          |      |                 |         |
|     | TOTAL =   | 267.00   | Rft  | 50.41 P Rft     | 13,527  |
| 25  | White washing 03-Coats (S.I No 26 (b), P-9)   |          |      |                 |         |
|     | TOTAL =   | 2,636.25 | SR   | 829.95 % Sft    | 21,647  |
| 26  | Primary coat of chalk under distemper. (S.I.No.23,P.54).  |          |      |                 |         |
|     | TOTAL =   | 8,567.50 | Sft  | 442.75 % Sft    | 37,933  |
| 27  | Distemping 03-Coats (S.I No 24 (b), P-54)   |          |      |                 |         |
|     | TOTAL =   | 8,567.50 | Sft  | 1079.65 % Sft   | 92,499  |
| 28  | Painting new surface © Preparing surface and painting of doors and windows any type (in/c edges) (I&II) 3 coats (S.I.No.5©/I&iiC-11)  |          |      |                 |         |
|     | TOTAL =   | 975.05   | Sft  | 2116.41 % Sft   | 20,636  |

| SR# | ITEM OF WORK | UNIT | RATE | QTY | AMOUNT |
|-----|--------------|------|------|-----|--------|
|-----|--------------|------|------|-----|--------|

29 Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand @ 1 Cft per % Sft. (S.I.No. 13/P-7)

TOTAL = 1,260.00 Sft 1887.4 % Sft 24,159

|           |           |
|-----------|-----------|
| Total Rs: | 5,405.311 |
|-----------|-----------|

Non Schedule Item

1 Providing & Laying floor for VERONA Marble Tiles of size 12"x12"x3/4" 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 sulurry, jointing & washing the tiles with sulurry of white cement & pigment to match the colour of tiles. i/c curring granding, rubbing & chemical polishing etc complete etc i/c cutting tiles to proper files. (R.A)

TOTAL = 1,211.75 Sft 310.43 P. Sft 376,164

|           |         |
|-----------|---------|
| Total Rs: | 376,164 |
|-----------|---------|

Compound wall

Schedule Items

1 Excavation in foundation of Building, Bridges and other structures including degebellung dressing refilling around structure with refilling around structure with excavaed earth Watering and ramming lead upto 5' feet.(B) (In ordinary soil). (S.I # 18-b p).

TOTAL = 1,545 Cft 3170.15 % Cft 4,907

2 Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10 (S.I.No.4b,/P-15)

TOTAL = 377 Cft 8694.95 % Cft 32,750

3 Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundation & Plinth (S.I.No.2 (iv), P-27).

TOTAL = 1,500 Cft 25301 % Cft 379,815

4 Damp Proof Course with Cement sand and shingle concrete (1:2:4) in/c 2 coat of asphaltic mixture 2" thick. (S.I.No.28 P-19).

TOTAL = 625 Sft 3912.65 % Sft 24,455

5 Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and left upto 5 feet (S.I.No.21 P-5)

TOTAL = 1,030 Cft 1512.5 % Cft 1,556

| SR# | ITEM OF WORK  | QTY           | RATE     | UNIT   | AMOUNT |
|-----|---|---------------|----------|--------|--------|
| 6   | P/L 1:3:6 cement concrete solid block masonry wall 6" above in thickness set in 1:6 cement mortar in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.NO.23/P-19)  | TOTAL = 1,080 | 14621.44 | % Cft  | 57,912 |
| 7   | R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/I/C-4) | TOTAL = 57    | 337.00   | P. Cft | 19,341 |
| 8   | Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)  | TOTAL = 2.02  | 5,001.70 | P Cwt  | 10,093 |
| 9   | Making & Fixing steel grated doors with 1/16" thick sheeting in/c angle iron frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking arrangement (S.I.No.24 P-92)   | TOTAL = 60    | 726.72   | P.Sft  | 43,603 |
| 10  | Cement Plaster 1:4 up to 12 feet height, 1/2" thick. (S.I No.13-C P-52).  | TOTAL = 2,200 | 2,283.60 | % Sft  | 50,246 |
| 11  | Cement Pointing flush on stone work in cement mortar 1:3 (S.I.No.20-cii P-53)   | TOTAL = 750   | 1758.08  | % Sft  | 13,186 |
| 12  | P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required floor and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick in/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P-48)   | TOTAL = 42    | 4765.50  | % Sft  | 20,014 |
| 13  | Primary coat of chalk under distemper. (S.I.No.23,P.54).  | TOTAL = 2,200 | 442.75   | % Sft  | 9,741  |
| 14  | Distemping 03-Coats (S.I No 24 (b), P-54)   | TOTAL = 2200  | 1079.65  | % Sft  | 23,752 |

| SR# | ITEM OF WORK   | QTY | RATE | UNIT | AMOUNT |
|-----|--|-----|------|------|--------|
|     | Painting new surface @ preparing surface and painting guard bars gates of iron 15 bars grating railing (in/c standard braccess etc) & similar opening work. (S.I.No.5d P-76) |     |      |      |        |
|     | TOTAL  | 120 | 127  | SR   | 1525   |

|          |         |
|----------|---------|
| Total Rs | 792,597 |
|----------|---------|

## WATER SUPPLY & SANITARY FITTINGS

### Schedule Items

|   |  |        |             |       |             |       |
|---|--|--------|-------------|-------|-------------|-------|
| 1 | Providing & Fixing squatting type white galzed earthenware W.C Pan with front flush inletr & complete wiht i/c the cost of flushing cistern with internal fitting and flush pipe with bend and making requisite number of holes in walls plinth & floor for pipe connection & making good in cement concrete 1:2:4 (Foreign Equivalant) with 4" Dia C.I Trap (S.I.No.2(i), P-1)  | 4 Nos  | 5672.50     | Each  | 22,915      |       |
| 2 | P/Fxingin 4" dia C.I Off-set of various length i/c extra painting to match the colour of the Buildings (S.I.No.8, P-10).   | 24 Nos | 727.50      | Each  | 18,548      |       |
| 3 | Providing & Fixing M.S Clamps of the approved design to 4" dia C.I Pipe socket i/c the cost of cutting & making good to wall on M.S Bolts, nuts 4" into wall i/c pipe distance pieces extra painting to match the colour of the buildings. (S.I.No.2, P-9).  | 15 Nos | 72.10       | Each  | 865         |       |
| 4 | P/F 24"x18" Lav: Basin in white galzed earthenware complete with & i/c the cost of W.I or C.I cantilever brackets 6 inches built into wall plinth white in 2-coats after a primary coat of led paint, of 1/2" dia chrome plated pillar taps, 1-1/2" rubber plug & chrome bars waste of approved patter. 1-1/4" dia Malloable iron C.P Brass unions and making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Standard Pattern) (S.I.No.12, P-4)  | 2 Nos  | 4,634.80    | Each  | 9,350       |       |
| 5 | Supplying & Fixing C.P brass bib cock 1/2" dia standered pattern.  | 4 Nos  | 141.42      | Each  | 562         |       |
| 6 | Providing & Fixing handle valvesChina (S.I.No.5 P-17).   |        |             |       |             |       |
|   | 1/2" Dia   | 4 Nos  | @ Rs 230.42 | 4 Nos | 200.42 Each | 802   |
|   | 3/4" Dia   | 4 No:s | @ Rs 271.92 | 4 Nos | 271.92 Each | 1,088 |
| 7 | Construction of main hole or inspection chamber for there or required dia circular sewer and 3'x6' depth walls B.B in cement plaster 1:3 1/2" thick in site of walls and 1" (25mm) thick over benching and channel and i/c fixing C.I main hole cover with frame of clear opening 1-1/2 (457x 457mm) of 1.75 Cwt (88.9 KG) embeded in plinth C.C 1:2:4 and fixing 1 (25mm) dia M.S step 6" (150 MM) wide projecting 4 (102mm) from the face of wall at 12" (305mm) C.C dully painted etc complete as per specification and drawing No D.P-1 of Public Health Circular Southern Zone. | 4 Nos  | 14,746.00   | Each  | 58,992      |       |
| 8 | Supplying & Fixing Fiber Glass Tank of approved quality, design & wall thickness as specified i/c the cost of nuts, bolts & fixing in plate form of Cement Concrete 1:3:6 & making connections for in-let & out-let & over-flow pipe etc complete. (S.I.No.3(c), P-21).  |        |             |       |             |       |
|   | 500 Gallons  | 1 Nos  | 37505.42    | Each  | 37,505      |       |




| SR# | ITEM OF WORK   | QTY | UNIT | PRICE       | AMOUNT                    |
|-----|--|-----|------|-------------|---------------------------|
| 9   | Providing G.I Pipes specials & clamps etc i/c fixing cutting & fitting complete with & i/c the cost of breaking through wall & roof making good etc painting 2-coats after cleaning the pipe with white zink paint with pigment to match the colour of the building. (S.I.No.1, P-12). |     |      |             |                           |
|     | 1/2" Dia   | 80  | RFT  | @ Rs 73.21  | 80 Nos 73.21 Each 5,857   |
|     | 3/4" Dia   | 150 | RFT  | @ Rs 95.79  | 150 Nos 95.79 Each 14,369 |
| 10  | Providing RCC pipe with collars class "B" & digging the trenches to required depth & fixing in position in/c cutting fitting & jointing with maxphalt composition & cement mortar 1:1 & testing with water pressure to a head of 4 feet the top of the                                 | 50  | Nos  | 199.25 Each | 9,963                     |

Total Rs: 179,175

Non Schedule

|   |   |   |     |        |             |
|---|---|---|-----|--------|-------------|
| 1 | Supplying & Fixing water pumping set 1/2 H.P mono block single fase 220 volt with 1"x1-1/4 saction & delevary 50ft head i/c making C C 1:3:6 plate form of approved size & fixing with nuts & bolts local made. R.A | 1 | Nos | 14,418 | Each 14,418 |
| 2 | Providing & fixing Electric Water Cooler Metallic body 60 gallens (National Make or approval quality i/c filter etc completed. R.A.   | 1 | Nos | 70,000 | Each 70,000 |

Total Rs: 84,418

  
**Executive Engineer**  
 Education Works, -Division  
 Thatta.

**SCHEDULE-B**

Name of Work: -

(ADP # 486, OF 2016-2017 PROGRAMME) ESTABLISHMENT OF GOVERNMENT BOYS / GIRLS DEGREE COLLEGES IN SINDH @ GOVERNMENT BOYS DEGREE COLLEGE GHARO, TALUKA MIRPUR SAKRO DISTRICT THATTA. (REMAINING WORK).

Ground Floor

| SR# | ITEM OF WORK  | QTY:  | RATE             | UNIT             | AMOUNT          |                 |           |
|-----|---|-------|------------------|------------------|-----------------|-----------------|-----------|
|     | <b>Shedule Item</b>   |       |                  |                  |                 |                 |           |
| 1   | Excavation in foundation of Building, Bridges and other structures including degebellling dressing refiling around structure with refilling around structure with excavaed earth Watering and ramming lead upto 5' feet.(B) (In ordinary soil). (S.I # 18-b p).   |       |                  |                  |                 |                 |           |
|     | TOTAL   | =     | <u>10,468.00</u> | Cft              | 3176.25 %0, Cft | 33,249          |           |
| 2   | Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10 (S.I.No.4b,/P-15)  |       |                  |                  |                 |                 |           |
|     | TOTAL   | =     | <u>12,321.99</u> | Cft              | 8694.95 %, Cft  | 1,071,391       |           |
| 3   | Erection and remval of centering for R.C.C or plain cement concrete works of partal wood (2ns class) (ii) vertical)   |       |                  |                  |                 |                 |           |
|     | TOTAL   | =     | <u>11,200.00</u> | Cft              | 3127.41 %, Cft  | 350,270         |           |
| 4   | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering) (h) Ratio 1:2:4 (S.I.No. 5(h)/C-4)   |       |                  |                  |                 |                 |           |
|     | Net Qty: 6,484 - 57   | TOTAL | =                | <u>6,427.30</u>  | Cft             | 14429.25 %, Cft | 927,411   |
| 5   | Supply & Filling sand under floor and plugging in walls.  |       |                  |                  |                 |                 |           |
|     | Net Qty: 34,282 - 170   | TOTAL | =                | <u>34,112.12</u> | Cft             | 1141.25 %, Cft  | 389,305   |
| 6   | Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundation & Plinth (S.I.No.2 (iv), P-27).   |       |                  |                  |                 |                 |           |
|     | TOTAL   | =     | <u>1,364.88</u>  | Cft              | 25321 %, Cft    | 345,600         |           |
| 7   | Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering) (h) Ratio 1:3:6 (S.I.No. 5(h)/C-4)   |       |                  |                  |                 |                 |           |
|     | TOTAL   | =     | <u>3,528.83</u>  | Cft              | 12595 %, Cft    | 444,456         |           |
| 8   | R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/i/C-4) |       |                  |                  |                 |                 |           |
|     | TOTAL   | =     | <u>2,158.69</u>  | Cft              | 342.00 P. Cft   | 738,273         |           |
|     | <b>RATIO 1:2:4</b>  | TOTAL | =                | <u>24,151.51</u> | Cft             | 337.00 P. Cft   | 8,139,060 |
| 9   | Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)  |       |                  |                  |                 |                 |           |

| SR# | ITEM OF WORK  | QTY:    | RATE         | UNIT             | AMOUNT    |
|-----|---|---------|--------------|------------------|-----------|
|     |   | TOTAL = | 1,401.65 Cwt | 5,001.70 P.Cwt   | 7,010,634 |
| 10  | Extra labour for laying concrete plain or rainforced (a) 20'40' height .(S.I.No. 12(a)/P-18)  | TOTAL = | 2,016.53 Cft | 1,210.00 %, Cft  | 24,400    |
| 11  | Extra labour for lifting of steel above first floor for every additional floor. (S.I.No. 29/P-19)   | TOTAL = | 117.03 Cwt   | 151.25 P.Cwt     | 17,701    |
| 12  | Providing & placing in position chip board 3/4" thick for filling space between expansion joints of building ( S.No: 93 / P-116)  | TOTAL = | 286.36 Sft   | 43.26 P. Sft     | 12,388    |
| 13  | Filling watering and ramming earth in floor with new earth excavated from outside lead upto one chain and left upto 5 feet (S.I.No.22 P-5).   | TOTAL = | 998.16 Cft   | 3,630.00 %0, Cft | 3,623     |
| 14  | P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for doors using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used making and fixing.(S.I.No: 29/P-93)                          | TOTAL = | 1,149.90 Rft | 228.90 P.Rft     | 263,212   |
| 15  | P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for windows & vent. using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used making and fixing.(S.I.No: 28/P-93)                | TOTAL = | 2,791.00 Rft | 240.50 P.Rft     | 671,236   |
| 16  | P/F with sunk iron screws wooden Architrave approved design / shape having width not less than 2-1/2" as directed by Engineer Incharge.(P/66-60)  | TOTAL = | 2,771.50 Rft | 49.97 P.Rft      | 138,492   |
| 17  | First class deodar wood wrought joinery in doors and windows etc fixed in position in/c chowkhast hold fasts hings, iron tower bolts chocks cleats handles and cords with hooks etc (S.I.No.7 P-58).  | TOTAL = | 290.50 Sft   | 1,273.76 P. Sft  | 370,027   |
|     | <b>Only Shuter</b>  | TOTAL = | 1,720.16 Sft | 902.93 P. Sft    | 1,553,180 |
| 18  | P/F in position door window and ventilatores of fist class deodar wood frames and 1- 1/2" thick teak wood ply shutters of 2nd class deodar wood sekelton (solid) styles and rails core of partal wood and teak ply wood (3-ply) on both side i/c hold fasts hinges iron tower blts handles and cleats with cord e,t,c complete. (S.I.No.58 P-65). | TOTAL = | 1,113.07 Rft | 1,077.06 P.Rft   | 1,198,840 |

| SR# | ITEM OF WORK | QTY: | RATE | UNIT | AMOUNT |
|-----|--------------|------|------|------|--------|
|-----|--------------|------|------|------|--------|

|    |  |          |                |         |               |         |             |     |           |
|----|--|----------|----------------|---------|---------------|---------|-------------|-----|-----------|
| 20 | First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G Galvanized wire gauge 144 mesh per square inch iron fittings complete. Galvanized wire gauze fixed with 1/2" P. Sft 43.48 575.61 . (S.I.No.14(c) P-60).  | TOTAL =  | 51.23          | Sft     | 575.61 P. Sft | 29,486  |             |     |           |
| 21 | Fixing expendad metal with 1" Deodar wooder strips and screws . (S.I.No.22 (a) P-61).  | TOTAL =  | 2,031.00       | Sft     | 296.05 P. Sft | 601,278 |             |     |           |
| 22 | Providing and laying 1:3:6 cement concrete solid block masonry wall 6 thick above in thickness set in 1:6 cement mortar in ground floor super tructure including racking out joints & curring etc, complete. (S.I.NO.22/P-19).   | Net Qty: | 15,142 - 3,634 | TOTAL = | 11,508.80     | Cft     | 14621.44 %. | Cft | 1,682,752 |
| 23 | Cement Plaster 1:6 up to 20 feet height, 1/2"thick.(S.I No.13-C P-52).   | Net Qty: | 63,800 - 3,311 | TOTAL = | 60,489.53     | Sft     | 2,206.60 %. | Sft | 1,334,762 |
| 24 | Cement Plaster 1:4 up to 20 feet height, 3/8"thick.(S.I No.13-C P-52).   | TOTAL =  | 60,489.53      | Sft     | 2197.52 %.    | Sft     | 1,329,270   |     |           |
| 25 | Cement Pointing Flush on stone work in cement mortar 1:3 (S.I.No.20-cii P-53)  | TOTAL =  | 3,757.85       | Sft     | 1758.08 %.    | Sft     | 66,066      |     |           |
| 26 | S/F in iron steel grill using solid sqaur bars of size 1/2"x1/2" placed at 4" i/c and frame of flat iron patti of 3/4"x1/4" i/c circle shap at 1-0 apaart equivalent fitted with screws are pins i/c painting 3 coates with 1st coaat of red oxide paint etc ( S.No: ) .   | TOTAL =  | 1,756.40       | Sft     | 194.16 P.Sft  | 341,022 |             |     |           |
| 27 | Making Notice Board made with cement (S.I.NO.1 P-95)   | TOTAL =  | 1,320.00       | Rft     | 58.11 P.Rft   | 76,705  |             |     |           |
| 28 | Providing & laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement and pigment over a base of 1:2 grey cement mortar 3/4" thick in/c washing and filling of joints with salurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting tiles to proper profile. (S.I.No.60 P-47) | Net Qty: | 4,317 - 227    | TOTAL = | 4,090.26      | Sft     | 30509.77 %. | Sft | 1,247,930 |
| 29 | P/F false ceiling of plaster of paris, in panel i/c making frame work of deodar wood i/c painting with solgia paint . (S.I.No.43 P-39).  | TOTAL =  | 600.00         | Sft     | 9150 %.       | Sft     | 54,900      |     |           |

| SR# | ITEM OF WORK  | QTY:                      | RATE        | UNIT | AMOUNT                    |
|-----|---|---------------------------|-------------|------|---------------------------|
|     | P/F plaster of Paris ceiling border of 8" - 10" wide of specified design & thickness including fixed besides ceiling with nails/screws with getties. (S.I.No.44 P-39).  |                           |             |      |                           |
|     | Principal office  | 1 x 2 x ( 30.00 + 20.00 ) | = 80.00     | Rft  |                           |
|     |   | TOTAL                     | = 80.00     | Rft  | 104.22 P. Rft 8,338       |
| 31  | P/L C C topping cement concrete 1:2:4 in/c surface finishing and dividing into pannels pannels (S.I.No.16d P-42).   |                           |             |      |                           |
|     | 2" thick  |                           |             |      |                           |
|     |   | TOTAL                     | = 24,792.00 | Sft  | 4,411.82 %, Sft 1,093,778 |
|     |   | TOTAL                     | = 23,868.84 | Sft  | 3,275.50 %, Sft 781,824   |
| 32  | Providing and fixing Aluminium sheet 6" to 9" with v-notech for expansion joints i/c fixing with nails / screws . (S.I.No.88 P-109).  |                           |             |      |                           |
|     |   | TOTAL                     | = 64.00     | Sft  | 207.51 %, Sft 133         |
| 33  | P/f railing for curtain with deodar wooden patti i/c fixed in wall screws etc complete. (S.I.No.90 P-109).  |                           |             |      |                           |
|     |   | TOTAL                     | = 28.00     | Rft  | 347.49 P. Rft 9,730       |
| 34  | P/f window printed blinds (Horizontal / Vertical ) with plain desing and of approved colour i/c fixing in window with necessary accessiores. (S.I.No.7 P-61).   |                           |             |      |                           |
|     |   | TOTAL                     | = 224.00    | Sft  | 347.49 %, Sft 778         |
| 35  | Providing and fixing approved quality mortic look   |                           |             |      |                           |
|     |   | TOTAL                     | = 4.00      | Nos  | 1,786.13 Each 7,145       |
| 36  | Two coat of bitumen laid hot using 34 lbs for %Sft over roof and blinded with sand at one cft per %Sft (P/35-13).   |                           |             |      |                           |
|     |   | TOTAL                     | = 23,868.84 | Sft  | 1,887.40 %, Sft 450,501   |
| 37  | P/F Ornmental cement Jali 2" thick ( 1:2:4) without steel ( S.No: )   |                           |             |      |                           |
|     |   | TOTAL                     | = 296.00    | Sft  | 226.02 P. Sft 66,902      |
| 38  | S/F in position Aluminium channels framing for hinged door or Alcop made with 5 mm thick tinted glass glazing (Belgium) & Alpha (Japan) locks i/c hangles, stoppers etc (b) Deluxe model (Bronze) (P/108-86,b)  |                           |             |      |                           |
|     |   | TOTAL                     | = 68.00     | Sft  | 1507.66 P. Sft 102,521    |
| 39  | Supplying & fixing inposition Aluminium chammels froming for slidding windiws and ventliors of Alcop made with 5mm thick tinted glass glazing (Belguim) & Almunium fly screen i/c handle, stoppers & locking arrangement etc complete ( S.I # 84, (b), Page # 107). |                           |             |      |                           |
|     |   | TOTAL                     | = 70.00     | Sft  | 1647.69 P. Sft 115,338    |

| SR# | ITEM OF WORK  | QTY.      | RATE      | UNIT           | AMOUNT       |         |
|-----|---|-----------|-----------|----------------|--------------|---------|
| 40  | Providing Anti-termite treatment by spraying/sprinkling/spreading Neptachler 0.50% Emulsion as an over all pre construction treatment in slab type construction along external foundation trenches of the building over complete parameter of the foundation trench etc as per directions of engineer in charge. (S.I.No.91 P-109). |           |           |                |              |         |
|     | TOTAL =   | 1,014.67  | Rft       | 40.1 P. Rft    | 40,688       |         |
| 41  | Providing Anti-termite treatment by spraying/sprinkling/spreading Neptachler 0.50% Emulsion as an over all pre construction treatment in slab type construction under the slab along attach perches or entrance etc complete as directions of engineer in charge (S.I.No.92 P-109).   |           |           |                |              |         |
|     | TOTAL =   | 22,784.00 | Rft       | 9.74 P. Rft    | 221,916      |         |
| 42  | Damp proof course with cement sand Ratio (1:2) mixed with dampo 3/4" thick (P/107-69,b).  |           |           |                |              |         |
|     | TOTAL =   | 729.00    | Sft       | 2,401.58 % Sft | 17,508       |         |
| 43  | Primary coat of chaik under distemper (P-54/23)   |           |           |                |              |         |
|     | <u>GROUND FLOOR</u>   |           |           |                |              |         |
|     | TOTAL =   | 30,401.74 | Sft       | 442.75 % Sft   | 134,604      |         |
| 44  | Distemping 03-Coats (S.I No 24 (b), P-54)   |           |           |                |              |         |
|     | TOTAL =   | 30,401.74 | Sft       | 1079.65 % Sft  | 328,232      |         |
| 45  | Preparing the surface and painting with MATT finish i/c rubbing the surface with bathy ( Silicon carbide rubbing brick) filling voids with ZINK/Chalk/plaster of paris mixture, applying first coat premix making the surface smooth and then painting three coats with matt of approved make etc complete ( New surface) ( S.No: ) |           |           |                |              |         |
|     | <u>GROUND FLOOR ( WALLS )</u>   |           |           |                |              |         |
|     | Net Qty: 34,974 - 2,722   | TOTAL =   | 32,252.28 | Sft            | 2499.5 % Sft | 806,146 |
| 46  | French polishing complete (a) on new work. any type , including edges three coats. (S.I.No.7 P-71).   |           |           |                |              |         |
|     | <u>GROUND FLOOR</u>   |           |           |                |              |         |
|     | TOTAL =   | 2,666.00  | Sft       | 3841.75 % Sft  | 102,421      |         |
| 47  | Preparing the surface and painting weather coat i/c rubbing the surface with rubbing brick / sand paper filling voids with/Chalk/plaster of paris and then painting with weather coatd of approved make etc complete ( New surface) (S.I.No.38 P-56).   |           |           |                |              |         |
|     | TOTAL =   | 13,745.00 | Sft       | 2567.95 % Sft  | 352,965      |         |
| 48  | Painting new surface © Preparing surface and painting of doors and windows any type (in/c edges) (I&II) 3 coats (S.I.No.5©/I&iiC-11)  |           |           |                |              |         |
|     | TOTAL =   | 581.00    | Sft       | 2116.41 % Sft  | 12,296       |         |

| SR# | ITEM OF WORK | QTY: | RATE | UNIT | AMOUNT |
|-----|--------------|------|------|------|--------|
|-----|--------------|------|------|------|--------|

49 P/F 3/8" thick marble tiles of approved quality and colour and shade size 8"x4"/6"x4" in dado skirting and facing removal /tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base i/c filling the joints and washing the tiles with white cement slurry ,currint finishing cleaning and polishing etc complete.( S,Nio: 68/ P-49 ) .

TOTAL = 1,842.12 Sft 186.04 P. Sft 342,708

|           |            |
|-----------|------------|
| Total Rs: | 35,463,389 |
|-----------|------------|

Non-Schedule Item

1 P/L floor Procelain tiles of size 24" x 24" x 1/4" made (White full body) fine dressed setting the tiles with grey cement slurry. Jointing and washing the tiles with sulurry of white cement and pigment to match the colour of the tiles i/c curing, grinding, rubbing and chemical polishing etc complete i/c cutting tiles to proper profile (R.A).

TOTAL = 4,818.59 Sft 323 P. Sft 1,556.404

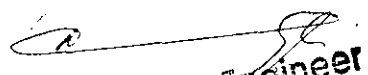
2 Providing & Laying floor for VERONA Marble Tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4 thick bed of 1:2 grey cement mortor setting the tiles with grey cement sulurry. jointing & washing the tiles with sulurry of white cement & pigment to match the colour of tiles. i/c curring granding, rubbing & chemical polishing etc complete etc i/c cutting tiles to proper files. (R.A)

TOTAL = 15,517.72 Sft 310.43 P.Sft 4,817.166

3 providing and fixing stainless steel stair railing of grade 304 (Taiwan) using 1-1/4" dia pipe vertically @ 12" c.c 1-1/2" dia on top and 1/2" dia pipe horizanaaly 9" c.c copling with stainless steel socket and bolt and stainless steel socket and bolt and stainless stell ball on top on vertical pipe & width not less than 36", polsihing etc complete (L.Q.R Already passed by Chief Engineer).

TOTAL = 88.00 Rft 4,560.00 P. Rft 401,280

|           |           |
|-----------|-----------|
| Total Rs: | 6,774,850 |
|-----------|-----------|

  
**Executive Engineer**  
 Education Works - Division  
 Thatta.

**SCHEDULE - B**

Name of Work: -

(ADP # 486, OF 2016-2017 PROGRAMME) ESTABLISHMENT OF GOVERNMENT BOYS / GIRLS DEGREE COLLEGES IN SINDH @ GOVERNMENT BOYS DEGREE COLLEGE GHARO, TALUKA MIRPUR SAKRO DISTRICT THATTA. (REMAINING WORK).

**Compound Wall**

| SR#                  | ITEM OF WORK  | QTY:    | RATE             | UNIT | AMOUNT                    |
|----------------------|---|---------|------------------|------|---------------------------|
| <b>Schedule Item</b> |   |         |                  |      |                           |
| 1                    | Excavation in foundation of Building, Bridges and other structures including degebellling dressing refiling around structure with refilling around structure with excavaed earth Watering and ramming lead upto 5' feet.(B) (In ordinary soil). (S.I # 18-b p).   | TOTAL = | <u>15,410.5</u>  | Cft  | 3176.25 %0, Cft 48.948    |
| 2                    | Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10 (S.I.No.4b,/P-15)  | TOTAL = | <u>3,707</u>     | Cft  | 9416.28 %, Cft 349,014    |
| 3                    | Coursed Ruble Masonry Ratio (1:6) including Hammer Dressing in Foundation & Plinth (S.I.No.2 (iv), P-27).   | TOTAL = | <u>11,655.0</u>  | Cft  | 25321 %, Cft 2,951.163    |
| 4                    | R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/i/C-4) | TOTAL = | <u>10,198.9</u>  | Cft  | 337.00 P. Cft 3,437,021   |
| 5                    | Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)  | TOTAL = | <u>637.43</u>    | Cwt  | 5,001.70 P.Cwt 3,188,232  |
| 6                    | P/L 1:3:6 cement concrete solid block masonry wall 6" above in thickness set in 1:6 cement mortar in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.NO.23/P-19)  | TOTAL = | <u>10,845.6</u>  | Cft  | 14621.44 %, Cft 1,585,787 |
| 7                    | Making & Fixing steel grated doors with 1/16" thick sheeting in/c angle iron frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking arrangement (S.I.No.24 P-92)   | TOTAL = | <u>192.00</u>    | Sft  | 726.72 P.Sft 139.530      |
| 8                    | Cement Plaster 1:6 up to 12 feet height, 3/4"thick.(S.I No.13-C P-52).  | TOTAL = | <u>40,250.00</u> | Sft  | 2,206.60 %, Sft 888,157   |
| 9                    | Cement Pointing flush stone work in cement mortar1:3 (S.I.No.20-cii P-53)   | TOTAL = | <u>41,650.00</u> | Sft  | 1758.08 %, Sft 732,240    |



| SR# | ITEM OF WORK | QTY: | RATE | UNIT | AMOUNT |
|-----|--------------|------|------|------|--------|
|-----|--------------|------|------|------|--------|

10 Making & Fixing steel grated doors with 1/16" thick sheeting in/c angle iron frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking arrangement (S.I.No.24 P-92)

TOTAL = 192 Sft 726.72 P.Sft 139,530

11 P/L Hala or pattern tiles glazed 6" x 6" x 1/2" on floor or wall facing in required floor and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick in/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting tiles to proper profile (S.I.No.61 P-48)

TOTAL = 407.50 Sft 47651.56 %, Sft 194,180

12 Primary coat of chalk under distemper. (S.I.No.23,P.54).

TOTAL = 40,250.00 Sft 442.75 %, Sft 178,207


13 Distemping 03-Coats (S.I No 24 (b), P-54)

TOTAL = 40,250.00 Sft 1079.65 %, Sft 434,559

14 Painting new surface © preparing surface and painting guard bars gates of iron bars grating railing (in/c standard braccess etc) & similar opening work. (S.I.No.5d P-76)

TOTAL = 240.00 Sft 1270.83 %, Sft 1,220

|           |            |
|-----------|------------|
| Total Rs: | 14,218,840 |
|-----------|------------|

  
**Executive Engineer**  
 Education Works, Division  
 Thatta.



## NOTIFICATION

O.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)<br>Concerned Education Works Division<br>Education & Literacy Department                    | Chairman |
| 2. | Assistant Engineer<br>Local Government Public Health Engineering Department  | Member   |
| 3. | Assistant Engineer (Education Works) of Headquarter<br>Concerned Education Works sub Division<br>Education & Literacy Department | Member   |

### 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

O.SO(G) EDU/E&A/PRO-EW/14-15:

Karachi, date the 28<sup>th</sup> 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 Department.
5. Office Order File



SINDH EDUCATION &  
LITERACY DEPARTMENT



DEPUTY SECRETARY (GA) 28/04/15

Karachi, date the 28-04-2015

## NOTIFICATION

SO(G) EDU/E&A/PRO-EW(CRC)/14-15: In pursuance of Rule – 31 of the Sindh Public Procurement Rules, 2010 a Departmental Complaint Redressal Committee comprising of following Officers is constituted as under to resolve complaint's of aggrieved bidders:-

- |  |          |
|--|----------|
| 1. Superintendent Engineer (Education Works) of concerned Education Works Circle Education & Literacy Department | Chairman |
| 2. Representative of District Account Officer / Accountant General, Sindh  | Member   |
| 3. Representative of Head of procuring Agency (Professional from relevant field concerning)                      | Member   |

### ToRs

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

SECRETARY EDUCATION  
TO GOVT. OF SINDH

Karachi, date the 28<sup>th</sup> May, 2015

SO(G) EDU/E&A/PRO-EW(CRC)/14-15:

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

All Members of the Committee.

The P.S to Secretary, Education & Literacy Department.

Office Order File

  
DEPUTY SECRETARY (GA)



SINDH EDUCATION &  
LITERACY DEPARTMENT



**EDUCATION WORKS DIVISION THATTIA**  
**ANNUAL PROCUREMENT PLAN FOR THE YEAR 2017-2018**

| S.No | Description of Procurement  | Quantity (Where applicable) | Estimated Unit cost (Where applicable Million) | Funds allocated in Millions | Source of funds (ADPs, Non ADPs) | Proposed Procurement Method | Timing of Procurements |         |         |         | Remarks   |  |
|------|---|-----------------------------|--|-----------------------------|----------------------------------|-----------------------------|------------------------|---------|---------|---------|---|--|
|      |   |                             |  |                             |                                  |                             | 1st Qtr                | 2nd Qtr | 3rd Qtr | 4th Qtr |   |  |
| 1    | ADP # 245, OF 2017-18 UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTIA (05, UNITS).  |                             |  |                             |                                  |                             |                        |         |         |         |   |  |
| 1    | GBPS SONHARI  |                             | 8.00   |                             |                                  |                             |                        |         |         |         |   |  |
| 2    | GBPS WALI MUHAMMAD SHORO  |                             | 8.385  |                             |                                  |                             |                        |         |         |         |   |  |
| 3    | GBPS KETIBUNDER   |                             | 8.395  |                             |                                  |                             |                        |         |         |         |   |  |
| 4    | GBPS PIR PATHO  |                             | 7.950  |                             |                                  |                             |                        |         |         |         |   |  |
| 5    | GBPS ANWER JAMARI   |                             | 7.950  |                             |                                  |                             |                        |         |         |         |   |  |
|      |   |                             | 40.690   | 40.690                      | ADP                              | Single Stage one envelope   |                        |         |         |         | Bids will be invited as per allocation/release of funds |  |
| 2    | (ADP No: 486) OF 2016-17 Programme) Establishment Of Government Boys / Girls Degree Colleges In Sindh @ Government Boys Degree College Gharo, Taluka Mirpur Sakro District Thatta, (R / Work) |                             | 68.950   | 68.950                      |                                  |                             |                        |         |         |         |   |  |

EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION  
THATTIA

**EDUCATION WORKS DIVISION THATTA**  
**ANNUAL PROCUREMENT PLAN FOR THE YEAR 2017-2018**

| S.No | Description of Procurement  | Quantity (Where applicable) | Estimated Unit cost (Where applicable Million) | Funds allocated in Millions | Source of funds (ADPs Non ADPs) | Proposed Procurement Method | Timing of Procurements |         |         |         | Remarks  |  |
|------|---|-----------------------------|--|-----------------------------|---------------------------------|-----------------------------|------------------------|---------|---------|---------|--|--|
|      |   |                             |  |                             |                                 |                             | 1st Qtr                | 2nd Qtr | 3rd Qtr | 4th Qtr |  |  |
| 1    | ADP # 245, OF 2017-18 UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA (05, UNITS).   |                             |  |                             |                                 |                             |                        |         |         |         |  |  |
| 1    | GBPS SONHARI  |                             | 8.00   |                             |                                 |                             |                        |         |         |         |  |  |
| 2    | GBPS WALI MUHAMMAD SHORO  |                             | 8.385  |                             |                                 |                             |                        |         |         |         |  |  |
| 3    | GGPS KETIBUNGER   |                             | 8.395  |                             |                                 |                             |                        |         |         |         |  |  |
| 4    | GGPS PIR PATHO  |                             | 7.960  |                             |                                 |                             |                        |         |         |         |  |  |
| 5    | GBPS ANWER JAMARI   |                             | 7.950  |                             |                                 |                             |                        |         |         |         |  |  |
|      |   |                             | 40.690   | 40.690                      |                                 |                             |                        |         |         |         |  |  |
| 2    | (ADP No: 486) OF 2016-17 Programme) Establishment Of Government Boys / Girls Degree Colleges In Sindh @ Government Boys Degree College Gharo, Taluka Mirpur Sakro District Thatta. (R / Work) |                             | 68.950   | 68.950                      | ADP                             | Single Stage one envelope   |                        |         |         |         | Bids will be invited as per allocation/release of funds. |  |

EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION  
THATTA

**EDUCATION WORKS DIVISION THATTA**  
**ANNUAL PROCUREMENT PLAN FOR THE YEAR 2017-2018**

| S.No | Description of Procurement  | Quantity (Where applicable) | Estimated Unit cost (Where applicable Million) | Funds allocated in Millions | Source of funds (ADPs Non ADPs) | Proposed Procurement Method | Timing of Procurements |         |         |         | Remarks  |  |
|------|---|-----------------------------|--|-----------------------------|---------------------------------|-----------------------------|------------------------|---------|---------|---------|--|--|
|      |   |                             |  |                             |                                 |                             | 1st Qtr                | 2nd Qtr | 3rd Qtr | 4th Qtr |  |  |
| 1    | ADP # 245, OF 2017-18 UP-GRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS IN DISTRICT THATTA (05. UNITS).   |                             |  |                             |                                 |                             |                        |         |         |         |  |  |
| 1    | GGPS SONHARI  |                             | 8.00   |                             |                                 |                             |                        |         |         |         |  |  |
| 2    | GGPS WALI MUHAMMAD SHORO  |                             | 8.385  |                             |                                 |                             |                        |         |         |         |  |  |
| 3    | GGPS KETIBUNDER   |                             | 8.385  |                             |                                 |                             |                        |         |         |         |  |  |
| 4    | GGPS PIR PATHO  |                             | 7.960  |                             |                                 |                             |                        |         |         |         |  |  |
| 5    | GGPS ANWER JAMARI   |                             | 7.950  |                             |                                 |                             |                        |         |         |         |  |  |
|      |   |                             | 40.690   | 40.690                      | ADP                             | Single Stage one envelope   |                        |         |         |         | Bids will be invited as per allocation/release of funds. |  |
| 2    | (ADP No: 486) OF 2016-17 Programme) Establishment Of Government Boys / Girls Degree Colleges In Sindh @ Government Boys Degree College Gharo, Taluka Mirpur Sakro District Thatta, (R / Work) |                             | 68.950   | 68.950                      |                                 |                             |                        |         |         |         |  |  |

EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION  
THATTA