

## BIDDING DATA

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders).

### Instructions to Bidders

#### Clause Reference

#### 1.1 Name of Procuring Agency

Executive Engineer Education Works Division N.Feroze

*(Insert name of the Procuring Agency)*

#### Brief Description of Works:

UPGRADATION OF MIDDLE SCHOOL TO HIGH  
SCHOOLS IN SINDH (115-UNITS) IN SINDH  
2008-09 PROGRAMME GBMS DANGEJA  
(REMAINING WORK) TALUKA N.FEROZE

#### 5.1 (a) Procuring Agency's address:

Near Deputy Commissioner House N.Feroze

*(Insert address of the Procuring Agency with telex/fax)*

#### (b) Engineer's address:

Near Deputy Commissioner House N.Feroze

Ph: 0242 - 920027

*(Insert name and address of the Engineer, if any, with telex/fax.)*

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform

the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity: *(must have turnover of **Rs. 5.00 Million**);*

ii. Technical capacity : *( mentions the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: *(mention the names and number of equipments required for the work).* Sindh Public Procurement Regulatory Authority | [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)

12.1 (a) A detailed description of the Works, essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

**13.1 Amount of Bid Security 5%**

(Fill in lump sum amount or in % age of bid amount /estimated cost, but not below 1% and not exceeding 5%)

**14.1 Period of Bid Validity 90 days**

(Fill in "number of days" not exceeding 90)

**14.4 Number of Copies of the Bid to be submitted:**

One original plus 01 copies.

**14.6 (a) Procuring Agency's Address for the Purpose of Bid Submission**

**Executive Engineer Education Works Division N.Feroze**

**Near Deputy Commissioner House N.Feroze**

(insert postal address or location of bid box for delivery by hand)

**15.1 Deadline for Submission of Bids**

Time: 2:00 PM on 14-05-2017

**16.1 Venue, Time, and Date of Bid Opening**

Venue: **Executive Engineer Education Works Division Office N.Feroze**

**Time: 3:00 PM Date: 14-05-2017**

**16.4 Responsiveness of Bids**

(i) Bid is valid till required period, Sindh Public Procurement Regulatory Authority  
[www.pprasindh.gov.pk](http://www.pprasindh.gov.pk).

(ii) Bid prices are firm during currency of contract/Price adjustment;

(iii) Completion period offered is within specified limits,


(iv) Bidder is eligible to Bid and possesses the requisite experience, capability and qualification.

(v) Bid does not deviate from basic technical requirements and

(vi) Bids are generally in order, etc. Procuring agency can adopt either of two options.  
(Select either of them).

(a) **Fixed Price contract:** In these contracts no escalation will be provided during currency of the contract and normally period of completion of these works is upto **24 months.**

(b) **Price adjustment contract:** In these contracts escalation will be paid only on those items and in the manner as notified by Finance Department, Government of Sindh, after bid opening during currency of the contract.

  
**EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION  
NAUSHAHRO FEROZE**



## BILL OF QUANTITY

NAME OF WORK: - UP-GRADATION OF MIDDLE SCHOOLS TO HIGH SCHOOLS IN SINDH (2007-08) PROGRAMME AT GBMS DANGEJA TALUKA AND DISTRICT NAUSHAHRO FEROZE.

| Sr. No. | Item of work  | Qty        | Rate               | Unit | Amount      |
|---------|---|------------|--------------------|------|-------------|
| 01.     | Excavation in foundation of building bridges & another structure i.e deg belling dressing refilling around the structure with excavated earth watering & ramming lead up to one chain & lift up to five feat. (S.I.No: 18 b - P/04)   |            |                    |      |             |
|         |   | 4546 Cft   | Rs: 3176/25 %0 Cft |      | Rs 14439/-  |
| 02.     | CC brick or stone ballast 1-1" 2" guage ratio 1:5:10 (S.I.No: 4 (d) P/14).  |            |                    |      |             |
|         |   | 4704 Cft   | Rs: 8694/95 % Cft  |      | Rs409010/-  |
| 03.     | Pacca Brick work in foundation and plinth in cement sand mortar ratio 1:6 (S.I.No: 4 (c)- P/20).  |            |                    |      |             |
|         |   | 5502 Cft   | Rs: 11948/36- %Cft |      | Rs.657398/- |
| 04.     | R.C.C work i/c 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 i/c kinds of forms mould lifting shuttering curing rending exposed surface (including screening and washing of shingle (a) RCC work in roof,slab,beams columns, rafts lintels and other structure members laid in situ or pre cost laid in position completed in all respects ratio 1:2:4 6 (S.I.No: 6 (i) - P/16) |            |                    |      |             |
|         |   | 428 Cft    | Rs 337/- P.Cft     |      | Rs 144236-  |
| 05.     | Fabrication of mild steel reinforcement cement for cement concrete i/c cutting bending laying imposition making joints and fastening i/c cost of wire also removal rust from bars (S.I.No: 8 (b) - P/16)  |            |                    |      |             |
|         |   | 19.107 Cwt | Rs: 5001/70 p.cwt  |      | Rs.95567/-  |
| 06.     | Filling watering and raiming earth in floor with surplus earth excavated from foundation lead upto one chain lift upto 5 feet   |            |                    |      |             |

Qty of excavation x2/3

|     |   |                    |   |
|-----|---|--------------------|---|
|     | 3031 Cft  | Rs: 1512/20 %0 Cft | Rs. 45835/-                                 |
| 07. | Filling watering and ramming earth under floor with new earth excavation from o: side lead upto one chain and lift upto 5ft (S.I.No: 4 (c)- P/20).  |                    |   |
|     | 19938 Cft   | Rs: 3630/- %0 Cft  | Rs. 72012/-                                 |
| 08. | Supplying & fixing in position iron steel grill of 3/4 x1/4" size flat iron of approved design i/c painting three coats etc complete weight not to be less than 3.7 lbs sq foot of finished grill (S.I.No.26 P/92). |                    |   |
|     | 12 Sft  | Rs: 180/50 %Sft    | Rs.2166/-                                   |
| 09. | Pacca Brick work other than building i/c striking of joints upto 20 ft height.  |                    |   |
|     | 4874 Cft  | Rs: 12346/56 %Cft  | Rs. <del>254092/-</del> <sup>601771/-</sup> |
| 10. | Making & fixing steel grated door with 1/16" thick sheeting i/c angle frame 2"x2" x5/8" and 3/4" bars cement concrete with locking arrangement.   |                    |   |
|     | =70 Sft<br>1x4.0x7.0  | =28                | =98 Sft. <sup>71219/-</sup>                 |
|     | 98 Sft  | Rs: 726/72 Sft     | Rs. <del>601771/-</del>                     |
| 11. | Making Notice Board made with cement (S.I.No: 1 - P/94)   |                    |   |
|     | 240 Sft   | Rs 58/11           | Rs 13946/-                                  |
| 12. | Pacca Brick work in ground floor in cement sand mortar ratio 1:6 (S.I.No: 5 (e) - P/20)   |                    |   |
|     | 174 Cft   | Rs: 12674/36 %Cft  | Rs. <del>22053/-</del>                      |
| 13. | Cement plaster 1:6 upto 20" height 1/2" thick (S.I.No: 13 (b) - P/51)   |                    |   |
|     | 7623 Sft  | Rs: 2206/60 %Sft   | Rs.168209/-                                 |
| 14. | Cement plaster 1:4 upto 20" height 3/8" thick (S.I.No: 11 (a) - P/51)   |                    |   |
|     | 7623 Sft  | Rs: 2197/52 %Sft   | Rs.167517/-                                 |
| 15. | Cement pointing struc joints on walls 1:2 (S.I.No.19 a P/52)  |                    |   |
|     | 4500Sft   | Rs: 1287/44        | Rs:57935/-                                  |

16. Extra labour rate for making cement plaster pattas / band around straight or carved openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge (S.I.No: 35 - P/54)

1090 Rft

Rs: 19/36 P.Rft

Rs:21102/-

17. Cement plaster 1:4 upto 20" height 3/4" thick (S.I.No: 11 (c) - P/51)

4000 Sft

Rs.3015/76 Sft

Rs120630/-

18. P/L 1" thick topping cement concrete 1:2:4 i/c surface and finishing dividing into panels (S.I.No: 24 - P/42)

3" thick

1506 Sft

Rs: 4411/82 % Sft

Rs 66443/-

19. Cement concrete plain i-c placing compacting finishing and curing complete i/c screening and washing at stone aggregate without shuttering 1:2:4 (S.I.No: 5 (i) - P/15)

2742 Cft

Rs:14429/25 %Cft

Rs395650~~0~~

20. Providing and laying floor of Verona marble tiles of size 12" x 12" x 3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement, mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry and pigment to match the color of tiles, including, curing, gridding, rubbing and chemicals polishing etc complete i/c cutting tiles to proper profile (RA)

2985 Sft

Rs: 307/- P.Sft

Rs. 916395/-

21. Providing and fixing 3/8" thick marble tiles of approved quality and color and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc for new surface (S.I.No.68 P/48).

618 Sft

Rs: 186/04 P.Sft

Rs 114973/-

22. Providing and laying HALLA or pattern tiles glazed 8"x8"x1/4" as floor or wall facing in required floor and pattern of stile specification jointed in white cement and pigment over



base of 1:2 gray cement mortar  $\frac{3}{4}$ " thick i/c washing and filling of joint white slurry of white cement and pigment in desired shape with finishing cleaning and cost i/c cutting tiles to proper profile (S.I.No: 62 - P/47)

636 Sft

Rs: 47651/56 % Sft

Rs.303064/-

23. White washing 3 coats (S.I.No.26 (c) P/53).

16 Sft

Rs.829/95 %Sft

Rs.133/-

Providing and fixing false ceiling of thermopile in panels of required design and size i/c frame work of Aluminum T-section hanged with nail wire to ceiling etc completed (S.I.No: 44 - P/38)

480 Sft

Rs: 91/50

P. Sft

Rs. 43920/-

24. Providing and fixing plaster of paris ceiling border of 8" - 10" with of specified designed thickness i/c fixing besides ceiling with nails/screws with Jetties (S.I.No: 44 - P/38)

128 Rft

Rs: 104/22

P. Rft

Rs. 13340/-

25. Preparing surface and painting with weather coat i/c rubbing the surface with rubbing brick filling the voids with chalk / plaster of paris and then painting with weather coat of approved make (S.I.No: 38 (a) - P/55)

20674 Sft

Rs: 1328/25 % Sft

Rs.274602/-

26. Preparing painting new surface painting gurd bars gates iron bit t any type i/c edges three coats (S.I.No: 5 (d) - P/69)

196 Sft

Rs: 1270/83 % sft

Rs.2491/-

Total:-

Rs.4158658/-

Amount total (a)

\_\_\_\_\_ % above / below on  
The rates of CSR

Amount to be added /deducted on  
the basis premium quoted total (b)  
Executive Engineer /Procuring Agency

Contractor

## PART "B" W/S & S/F

### REVISED ESTIMATE FOR THE WORK OF MIDDLE SCHOOLS TO HIGH SCHOOLS IN SINDH (2007-08) PROGRAMME AT GBMS DANGEJA TALUKA AND DISTRICT NAUSHAHRO FEROZE

01. P/F squatting type white glassed earthen where W.C pain i.e the cost of flushing cistern with internal fitting and flush pipe with and making required number of holes in walls plinth and floor for pipe connection and making good in cement concrete 1:2:4 with 4" dia earthen where trape and plastic thumble (S.I.No.1P-1).  
W.C 05 Nos. 5044/60 P.No 25223/-
02. P / F 22"x16" lav basin in white glazed earthen where complete with and i.e the cost of W.I or C.I centiliter brackets 6 inches primary coat of lead paint and pair of ½" dia chrome brass waste or approved pattern 1 ¼" dia milloable iron or of brass traps malleable iron or brass union and making requisite number of holes in walls plinth and floor of pipe connection and making good in C.C 1:2:4 (foreign equivalent).  
Lav Basin 04 Nos 4254/90 P.No 17016/-
03. Adds extra lead for providing and fixing of earthen ware pedestal white or colored glazed ( Standard pattern ) (S.I.No.09 P-03).  
Pedestal 04 Nos 938/47 P.No 3754/-
04. S/F in position c.p bib cock ¾" dia (S.I.No.2(ii) (a)P-16).  
Bib Cock 08 Nos 337/92 P.No 2703/-
05. S/F in position c.p stop cock ¾" dia (S.I.No.2(ii) (a)P-16).  
Stop Cock 08 Nos 299/42 P.No 2994/-
06. P/F handle valve (China)  
04 Nos 271/92 P.No 1088/-
07. Providing G.I pipes special & clamps etc fixing cutting complete with & i.e the cost of braking through walls & roof making good etc painting two coats after cleaning the pipes etc with white zink paint with pigment to match the color of the building & testing with quarter to pressure head of 200 feet & handling (S.I.No. P- ).  
½ dia 100 Rft 73/21 P.Rft 7321/-  
¾ dia 250 Rft 95/75 P.Rft 23948/-  
1" dia 20 Rft 128/55 P.Rft 2571/-
08. P/F in position nylon connections complete with ½" dia brass stop cock with pair of brass nuts and lining joints to nylon connection (S.I.No.23 P-06).  
Nyloon Connection 09 Nos 447/25 P.No 4025/-
09. P/F 6"x2" or 6"x3" C.I floor trape of the approved self cleaning design with a C.I screwed down gritting with or without a vent arm complete with and i.e making requisite number of holes in walls, plinth and floor for pipe connection and making in good in C.C 1:2:4 (S.I.No.20 P-05).

|     |   |         |         |       |               |
|-----|---|---------|---------|-------|---------------|
|     | Floor Trape   | 10 Nos  | 2024/44 | P.No  | 20244/-       |
| 10. | Providing asbestos pipe with color (Dadex equivalent) i.e digging the trenches to required depth to position and jointing the rubber rings i.e testing to water pressure hade of 200 feet (S.I.No. P- ).                          |         |         |       |               |
|     | 6" Asbestos pipes   | 100 Rft | 188/44  | P.Rft | 18844/-       |
|     | 9" Asbestos pipes   | 80 Rft  | 199/25  | P.Rft | 15940/-       |
| 11. | P/F handle valve (China) (Long Handle Valve) (S.I.No.13 (b)P-19).   |         |         |       |               |
|     |   | 02 Nos  | 1384/24 | P.No  | 2768/-        |
| 12. | S/F Bath accessories set seven pieces i.e towel rod brush holder , soap try shelf of approved design i.e cost screws nuts ect complete (Master Brand) (S.I.No.22 P-19).   |         |         |       |               |
|     |   | 2 Nos   | 8122/40 | P.No  | 16244/-       |
| 13. | Boring and fixing 1-1/2" dia pressure pipe (S.I.No.26-P-101)  |         |         |       |               |
|     |   | 60 Rft. | 53/44   | P.Rft | 3206/-        |
| 14  | Assembling 1-1/2" dia pressure pipe (S.I.No.25-P-101)   |         |         |       |               |
|     |   | 60 Rft. | 166/38  | P.Rft | 9983/-        |
| 15  | P/F water pumping 1 H.P Mono Block shingle phase 200 volts with 1-1/2" suction and delivery 90" ft had i.e making C.C 1:3:6 plate form of required size and fixing with nuts and bolts complete in all respects (S.I.No.18 P-31). |         |         |       |               |
|     |   | 1 No    | 8235/-  | P.No  | <u>8235/-</u> |
|     |   |         |         |       | 186107/-      |

Amount total (a)  
 \_\_\_\_\_% above / below on  
 The rates of CSR

Amount to be added /deducted on  
 the basis premium quoted total (b)  
 Executive Engineer /Procuring Agency

Contractor