

**OFFICE OF THE EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING DIVISION BADIN**

NO.TC/PHE/ 157 / /2012
Badin Dated. 11 / 02 /2013

Work Order

To,

**M/s B.A Shaikh & Co:
Government Contractor
Hyderabad**

SUBJECT:- CONSTRUCTION OF FILTER PLANT I/C PUMP HOUSE, MIXING CHAMBER, CLARIFIER, RAPID GRAVITY FILTER BED, CHLORINATION BUILDING, CLEAR WATER TANK AND SLUDGE, RECOVERY BEDS FOR IMPROVEMENT & EXTENSION FOR URBAN WATER SUPPLY SCHEME KARIO GHANWAR TALUKA SHAHEED FAZAL RAHU DISTRICT BADIN.

Reference: Your offer for B-I tender on dated 11-12-2012.

The Chief Engineer, Public Health Engineering Department Govt: of Sindh Hyderabad has been pleased to accept your tender at 1.51% above (**One Point Fifty-one Percent**) on schedule 'B' and 8.21% (**Eight Point Twenty-one Percent**) above on the estimated cost for the subjected work, the same has been received in this office through Superintending Engineer PHE Circle Hyderabad vide his letter No.GM/2620 Dated.20.12.2012 being the lowest in competition.

The total tender cost is Rs.1,06,43,239/-(Rupees One Corer Six lacks Forty-three Thousand Two Hundred & Thirty-nine) only.

No premium will be allowed on Non-Schedule Items.

You are advised to execute the contract agreement with this office on specified papers within **(3) three days** and start the work within **(7) Seven days** from the date of issue of this work order and complete the same within stipulated time **(9) months**.

The work must be carried out as per PWD/PHE Specification under the supervision and satisfaction of the Assistant Engineer, Public Health Engineering Sub Division Shaheed Fazal Rahu. The quantities of items should be followed strictly and should not be exceeded.

The expenditure on the scheme will be incurred on the Head of Account. 06-SC12055 Housing & Community Amenities (Capital) 063 Water Supply 0631 W/S 063102 Works


(K.C. Kella)
**EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
BADIN**

Copy forwarded with compliments to the:-

1. Superintending Engineer, P.H. Engg: Circle Hyderabad for favour of his kind information with reference to his letter No. cited above. GM/2620 dated 20-12-2012,
2. Assistant Engineer, Public Health Engg: Sub Division Shaheed Fazal Rahu along with Schedule-B for information. He is further directed that, quantities of items should be strictly followed as per schedule-B and may not be exceeded also intimate the actual date of start of work to this office immediately.

COMPARATIVE STATEMENT.

N.I.T No: TC/PHE/1991
Dated 13-11-2012
Date of Issue 10-12-2012
Date of opening 11-12-2012

Construction of Filter plant i/c Pump House, Mixing Chamber, Clarifier, Rapid Gravity Filter, Bed, Chlorination Building, Clear Water Tank and Sludge, Recovery, Beds for Improvement & Extension For Urban Water Supply Scheme Karjo Ghanwar Taluka Shaheed, Fazal Rahu District Badin.

Estimate sanctioned by Chief Engineer PHED Hyderabad vide No: DB/DEW/4274 Dated 02-11-2012 amounting to Rs. 11595700.00


DETAIL OF ESTIMATED COST.

1	Schedule Items.	Rs.	10252630.00
2	Non-Schedule Items.	Rs.	235794.00
3	Cartage.	Rs.	1076575.00
4	10% Contractor Profit	Rs.	30733.00
	Total.	Rs.	11595732.00
	Say Rs.		11595700.00


RATE QUOTED BY THE CONTRACTORS.

1	M/s B.A. Shaikh & Co.	1.51% Above
2	M/s Muhammad Zinnat & Qanun-ul-Zaman	2.00% Above
3	M/s Jawad Construction Co.	2.50% Above
4	M/s Muhammad Iqbal Shaikh & Co.	Not Tended.
5	M/s Lala Ghulam Rasool	Not Tended.
LOWEST BID COST		
1	Schedule Items.	Rs. 10252630.00
2	Non-Schedule Items.	Rs. 235794.00
3	Contractor quoted Rate @ 1.51% above	Rs. 154815.00
	Tentative Tender Cost	Rs. 10643239.00
	Less E/Cost.	Rs. 11595700.00
	Difference	Rs. 952461.00

Rs. 952461.00 x 100 = 8.21% Below on Estt. Cost


L. Mumtaz
EXECUTIVE ENGINEER,
PUBLIC HEALTH ENGG: DIVISION
TANDO MUHAMMAD KHAN


Muhammad Iqbal
DIVISIONAL ACCOUNTS OFFICER
PUBLIC HEALTH ENGG: DIVISION
BADIN.


K.C. Kella
EXECUTIVE ENGINEER,
PUBLIC HEALTH ENGG: DIVISION
BADIN.

SCHEDULE "B"

Head of Account.

06-SC12055 Housing & Community Amenities (Capital) 063 Water Supply 0631 W/S 063102 Works (Construction).

Name of Work.

CONSTRUCTION OF CLEAR WATER PUMP HOUSE, MIXING CHAMBER, CLARIFIER, RAPID GRAVITY FILTER BED, CHLORINATION BUILDING, CLEAR WATER TANK AND SLUDGE RECOVERY BEDS FOR IMPROVEMENT & EXTENSION FOR URBAN WATER SUPPLY SCHEME KARIO GHANWAR TALUKA S.F.RAHU DISTRICT BADIN.

S NO	Items	Rates	Units	Amounts
------	-------	-------	-------	---------

Group 'A' Mixing Chamber (10'x12')

1) Excavation for tank and reservoir in soft soil i/c trimming and dressing sides to true alignment design section/profile and shape leveling of beds of trenches to correct level and grade i/c laying of earth in 6" lyres for constriction of banks and dressing and disposal of surplus excavated earth within one chain as directed by engineer In charge i/c providing fence guards flag wherever required lift upto 5 ft and lead upto one chain (30.50mm) (PHSI No: 1 P-49).

Qty: 542.53 ✓ Cft @ Rs. 3000.00 ✓ P% o Cft Rs. 1628.00 ✓

2) Cement concrete brick or stone ballast 1½ "to 2" gauge (1:4:8) (GSI: 3 (b) P-16).

Qty: 135.62 ✓ Cft @ Rs. 9416.28 ✓ P% Cft Rs. 12770.00 ✓

3) R.C.C work i/c Labour & material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also i/c all kinds of forms mould lifting shuttering, curing rendering & washing of shingle (a) RCC work in roof slab beam columns rafts lintels and other structure member laid in situ precast laid in position complete in all respect ratio 1:2:4 90 lbs cement 2 Cft sand 4 Cft shingle 1/8" to ¼ " gauge. (GSI: No. 6 P-16)

Qty: 817.62 ✓ Cft @ Rs. 337.00 ✓ P. Cft Rs. 275538.00 ✓

4) Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding. wire also includes removal or rust from bars. (GSI: No. 7 (a) P-20).

Qty: 32.85 ✓ Cwt @ Rs. 5001.70 ✓ P. Cwt Rs. 164306.00 ✓

5) Providing construction joints in construction work if 9" wide corrugated PVC water stop (with blub) i/c soldering cost of material & laboretc completed (GSINo: P/)

Qty: 141.00 ✓ Rft @ Rs. 86.00 ✓ P. Rft Rs. 12126.00 ✓

6) Providing G.I pipe coating of 1" dia consisting of horizontal (Rate Approved)

Qty: 49.00 ✓ Rft @ Rs. 314.95 ✓ P. Rft Rs. 15433.00 ✓

7) Supplying Fixing M.S foot rest (Rate Approved)

Qty: 13.00 ✓ Nos @ Rs. 181.65 ✓ Each Rs. 2361.00 ✓

8) Cement plaster (1:4) upto 12'ft height in cement sand motor (1:4) 1/2" thick (GSI/No.11 P-52)

Qty: 682.00 ✓ Sft @ Rs. 2283.93 ✓ P% Sft Rs. 15576.00 ✓

9) Supplying of Dempoo/Padlo

Qty: 18.00 ✓ Lbs @ Rs. 52.82 ✓ P. Lbs Rs. 951.00 ✓

Total Rs. 500639.00 ✓

NO	Items	Rates	Units	Amounts
----	-------	-------	-------	---------

Group 'B' Sedimentation Tank (40'x17').

1) Excavation for tank and reservoir in soft soil i/c trimming and dressing sides to true alignment design section/profile and shape leveling of beds of trenches to correct level and grade i/c laying of earth in 6" lyres for constriction of banks and dressing and disposal of surplus excavated earth within one chain as directed by engineer In charge i/c providing fence guards flag wherever required lift upto 5 ft and lead upto one chain (30.50mm) (PHSI No: 1 P-49).

Qty: 3465.00 ✓ Cft @ Rs. 3000.00 ✓ P% o Cft Rs. 10395.00 ✓

2) Extra for every 50'ft additional lead or part thereof(GSI.No.8 P.No. 3)

Qty: 3465.00 ✓ Cft @ Rs. 3829.64 ✓ P% o Cft Rs. 13270.00 ✓

3) Cement concrete brick or stone ballast 1½ "to 2" gauge (1:4:8) (GSI: 3 (b) P-16).

Qty: 495.00 ✓ Cft @ Rs. 9416.28 ✓ P% Cft Rs. 46611/2 ✓

4) R.C.C work i/c Labour & material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also i/c all kinds of forms mould lifting shuttering, curing rendering & washing of shingle (a) RCC work in roof slab beam columns rafts lintels and other structure member laid in situ precast laid in position complete in all respect ratio 1:2:4 90 lbs cement 2 Cft sand 4 Cft shingle 1/8" to ¼ " gauge. (GSI: No. 6 P-18)

Qty: 4318.72 ✓ Cft @ Rs. 337.00 ✓ P. Cft Rs. 1455409.00 ✓

5) Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding. wire also includes removal or rust from bars. (GSI: No. 7 (a) P-20).

Qty: 231.36 Cwt @ Rs. 5001.70 ✓ P. Cwt Rs. 1157193.00 ✓

6) Providing construction joints in contract work if 9" wide corrugated PVC water stop (with blub) i/c soldering cost of material & laborete completed (GSINo: P/)

Qty: 540.00 ✓ Rft @ Rs. 86.00 ✓ P. Rft Rs. 46440.00 ✓

NST 7) Providing G.I pipe coating of 1" dia consisting of horizontal (Rate Approved)

Qty: 292.00 ✓ Rft @ Rs. 314.95 ✓ P. Rft Rs. 91965.00 ✓

8) Cement plaster (1:4) upto 20'ft height in cement sand motor (1:4) 1/2"thick (GSI/No.11 P-53)

Qty: 1767.00 ✓ Sft @ Rs. 2283.93 ✓ P% Sft Rs. 40357.00 ✓

9) Supplying of Dempoo/Padloo

Qty: 45.00 ✓ Lbs @ Rs. 52.82 ✓ P. Lbs Rs. 2377.00 ✓

10) C.I Tail piece (2' long) with are flanged (SMIN:4P-11)

Qty: 1.42 ✓ Nos @ Rs. 6096.00 ✓ Each Rs. 8656.00 ✓

Total Rs. 2872673.00 ✓

SNO	Items	Rates	Units	Amounts
-----	-------	-------	-------	---------

Group 'C' Rapid Gravity Filter (19'x9') 1 No:

1) Excavation for tank and reservoir in soft soil i/c trimming and dressing sides to true alignment design section/profile and shape leveling of beds of trenches to correct level and grade i/c laying of earth in 6" lyres for constriction of banks and dressing and disposal of surplus excavated earth within one chain as directed by engineer In charge i/c providing fence guards flag wherever required lift upto 5 ft and lead upto one chain (30.50mm) (PHSI No: 1 P-49).

Qty: 1512.00 ✓ Cft @ Rs. 3000.00 ✓ P% o Cft Rs. 4536.00 ✓

2) Cement concrete brick or stone ballast 1½ "to 2" gauge (1:4:8) (GSI: 3 (b) P-16).

Qty: 168.00 ✓ Cft @ Rs. 9416.28 ✓ P% Cft Rs. 15819.00 ✓

3) R.C.C work i/c Labour & material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also i/c all kinds of forms mould lifting shuttering, curing rendering & washing of shingle (a) RCC work in roof slab beam columns rafts lintels and other structure member laid in situ precast laid in position complete in all respect ratio 1:2:4 90 lbs cement 2 Cft sand 4 Cft shingle 1/8" to ¼ " gauge. (GSI: No. 6 P-18)

Qty: 1193.60 ✓ Cft @ Rs. 337.00 ✓ P. Cft Rs. 402243.00 ✓

4) Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding, wire also includes removal or rust from bars. (GSI: No. 7 (a) P-20).

Qty: 63.94 ✓ Cwt @ Rs. 5001.70 ✓ P. Cwt Rs. 319809.00 ✓

5) Providing construction joints in contract work if 9" wide corrugated PVC water stop (with blub) i/c soldering cost of material & laboretc completed (GSINo: P/)

Qty: 180.00 ✓ Rft @ Rs. 86.00 ✓ P. Rft Rs. 15480.00 ✓

6) Providing laying 2" thick C.C topping cement concrete (1:2:4) i/c urface finishing and dividing into pannels (2"thick) (GSINo:16,P-42)

Qty: 165.00 ✓ Cft @ Rs. 3275.50 ✓ P% Cft Rs. 5405.00 ✓

7) Providing G.I pipe coasting of 1" dia consisting of horizontal (Rate Approved)

Qty: 166.00 ✓ Rft @ Rs. 314.95 ✓ P. Rft Rs. 52282.00 ✓

8) Providing and laying perforted PVC pipe strainer (PHSINo:09P/43)

12" Dia 19.00 ✓ Rft @ Rs. 1439.75 ✓ P. Rft Rs. 27355.00 ✓

3" Dia 36.00 ✓ Rft @ Rs. 166.35 ✓ P. Rft Rs. 5989.00 ✓

S NO	Items	Rates	Units	Amounts
------	-------	-------	-------	---------

FILTER MEDIA

9) Supplying and stacking at site stone metal of size 3/4"-1 1/2" (19 mm to 38 mm) ring including screening washing and speriding the samein filtr beds to correct level etc complete (GSINo:1,P-43)

Qty: 257.00 ✓ Cft @ Rs. 3410.00 ✓ P% Cft Rs. 8764.00 ✓

10) Providing and stacking at site stone metal of size 1/8"-1/4" (80 mm to 160 mm) ring including screening washing & speriding the samein filtr beds to correct level etc complete (GSINo:1,P-43)

Qty: 128.00 ✓ Cft @ Rs. 2960.00 ✓ P% Cft Rs. 3789.00 ✓

11) Providing and stacking at site stone sand filter of effectives size 0.25 mm to 0.4mm metal of size 1/8"-1/4" ring including duble screening washing and speriding the samein filtr beds to correct level etc complete (GSINo:1,P-43)

Qty: 428.00 ✓ Cft @ Rs. 5367.00 ✓ P% Cft Rs. 22971.00 ✓

12) C.I Tail piece (2' long) with are flanged (SMIN:4P-11)

12" Dia Qty: 3.35 ✓ Nos @ Rs. 6096.00 ✓ Each Rs. 20422.00 ✓

Total Rs. 904864.00 ✓

Group 'D' Clear Water Tank (60'x30') With Working Depth 10'

1) Excavation for tank and reservoir in soft soil i/c trimming and dressing sides to true alignment design section/profile and shape leveling of beds of trenches to correct level and grade i/c laying of earth in 6" lyres for constriction of banks and dressing and disposal of surplus excavated earth within one chain as directed by engineer In charge i/c providing fence guards flag wherever required lift upto 5 ft and lead upto one chain (30.50mm) (PHSI No: 1 P-49).

Qty: 10237.50 ✓ Cft @ Rs. 3000.00 ✓ P% o Cft Rs. 30713.00 ✓

2) Excavation for tank and reservoir in wet soil clay or mud i/c trimming and dressing sides to true alignment design/profile section/profile and shape leveling of beds of tank in 6" correct level in grade i/c laying of earth in 6" lyres for constriction of base and dressing disposal of surplus excavated earth within one chain as directed by engineer In charge i/c providing fence guards flag wherever required lift upto 5 ft (1.52mm) and lead upto one chain (30.50mm) (PHSI. 14 P-52)

Qty: 7962.00 ✓ Cft @ Rs. 5350.00 ✓ P% o Cft Rs. 42597.00 ✓

3) Excavation for tank and reservoir in slushy or daldally soil i/c trimming and dressing sides to true alignment design/profile section/profile and shape leveling of beds of tank in 6" correct level in grade i/c laying of earth in 6" lyres for constriction of base and dressing disposal of surplus excavated earth within one chain as directed by engineer In charge i/c providing fence guards flag wherever required lift upto 5 ft (1.52mm) and lead upto one chain (30.50mm) (PHSI. 15 P-52)

Qty: 4550.0 ✓ Cft @ Rs. 7750.00 ✓ P% o Cft Rs. 35263.00 ✓

4) Balling or pumping sub soil water during excavation concrete cost in situ concrete or masonry work in foundation etc complete (PHSI:18 P.No. 52)

Qty: 13650.0 ✓ Cft @ Rs. 543.00 ✓ P% Cft Rs. 74120.00 ✓

S NO	Items	Rates	Units	Amounts
------	-------	-------	-------	---------

5) Cement concrete brick or stone ballast 1½ "to 2" gauge (1:4:8) (GSI: 3 (b) P-16).

Qty: 1706.25 ✓ Cft @ Rs. 9416.28 ✓ P% Cft Rs. 160665.00 ✓

6) R.C.C work i/c Labour & material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also i/c all kinds of forms mould lifting shuttering, curing rendering & washing of shingle (a) RCC work in roof slab beam columns rafts lintels and other structure member laid in situ precast laid in position complete in all respect ratio 1:2:4 90 lbs cement 2 Cft sand 4 Cft shingle 1/8" to ¼ " gauge. (GSI: No. 6 P-18)

Qty: 5736.85 ✓ Cft @ Rs. 337.00 ✓ P. Cft Rs. 1933318.00 ✓

7) Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding. wire also includes removal or rust from bars. (GSI: No. 7 (a) P-20).

Qty: 307.33 ✓ Cwt @ Rs. 5001.70 ✓ P. Cwt Rs. 1537172.00 ✓

8) Providing construction joints in contract work if 9" wide corrugated PVC water stop (with blub) i/c soldering cost of material & laboretc completed (GSINo: P/)

Qty: 552.00 ✓ Rft @ Rs. 86.00 ✓ P. Rft Rs. 47472.00 ✓

9) Cement plaster (1:4) upto 20' ft height in cement sand mortar (1:4) 1/2" thick (GSI/No.11 P-53)

Qty: 2160.00 ✓ Sft @ Rs. 2283.93 ✓ P% Sft Rs. 49333.00 ✓

10) Providing and fixing position in C.C foundation 1:3:6 M.S ladder of M.S angle iron 2"x2"x1/4"---a part--- M.S bar 3/4" dia spaced a part painting 3 coats with anticorrosive steel paint etc completed (P.H.S.INo:3,P-55)

Qty: 16.00 ✓ Rft @ Rs. 799.00 ✓ P. Rft Rs. 12784.00 ✓

11) Providing and fixing C.I Man holes cover with frame i/c cost mterial etc (P.H.S.INo:11,P-35)

Qty: 7.00 ✓ Cwt @ Rs. 6985.00 ✓ P. Cwt Rs. 48895.00 ✓

12) Supplying of Dempoo/Padloo

Qty: 28.64 ✓ Kg @ Rs. 125.00 ✓ P. Kg Rs. 3580.00 ✓

13) Cement concrete plain i/c placing compacting finishing and curing complete (i/c screening washing of stone aggregate w/o shuttering (1:2:4) (GSI: 5,(f)P/17).

Qty: 453.38 ✓ Cft @ Rs. 14429.25 ✓ P% Cft Rs. 65419.00 ✓

14) Water proofing layer over the domical or flat slab of HSR in 2 coats of bitumen let using 34 pound of (PHSINo,02 P-55)

Qty: 2176.00 ✓ Sft @ Rs. 2208.00 ✓ P% Sft Rs. 48046.00 ✓

Total Rs. 4089377.00 ✓

S/NO	Items	Rates	Units	Amounts
------	-------	-------	-------	---------

Group 'E' Piping Work

1) Excavation for pipe lines in trenches & pits in soft i/c trimming & dressing side to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within in one chain as directed by Engineer In charge. Providing fence guards lights flegs and temporary crossing for none vehicular traffic where ever required lift upto 5' ft (1.52m) and lead up to one chain (30.50m) (PHSI No. 1 P-60).

12" Dia Qty: 625.00 ✓ Cft @ Rs. 3600.00 ✓ P%o Cft Rs. 2250.00 ✓

2) Excavation for pipe lines in trenches & pits in wet soil i/c trimming & dressing side to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within in one chain as directed by Engineer In charge. Providing fence guards lights flegs and temporary crossing for none vehicular traffic where ever required lift upto 5' ft (1.52m) and lead up to one chain (30.50m) (PHSI No. 1 P-60).

Qty: 375.00 ✓ Cft @ Rs. 5400.00 ✓ P%o Cft Rs. 2025.00 ✓

3) Providing Laying Jointing & testing PVC Pipe of class B joint makes fixing in trench i/c cutting fitting bending with joint with rubber ring i/c testing with water to a head of 61 meter or 200' ft (RA Approved) (PHSI No. — P. No. —)

12" Dia Qty: 100.0 ✓ Rft @ Rs. 1011.00 P. Rft Rs. 101100.00 ✓

4) PVC pipe z joints fitting (SMI No. 12 P-12)

i) PVC Bend 12" Dia 90°

Qty: 1.00 ✓ No @ Rs. 2300.00 ✓ Each Rs. 2300.00 ✓

ii) PVC Socket 12" Dia

Qty: 1.00 ✓ No @ Rs. 2600.00 ✓ Each Rs. 2600.00 ✓

5) C.I Sluice Valve heavy patterns (test pressure 21.0kg/sq.cm or 300lb/sq.Inch) (SMI No: 2 P-97)

12" Dia Qty: 3.00 ✓ Nos @ Rs. 78000.00 ✓ Each Rs. 234000.00 ✓

6) Manufacturing Suppling Mild steel pipe 1/4" thick cutting bending etc complete (R.A. Approved)

12" Dia Qty: 50.00 ✓ Rft @ Rs. 1475.05 P. Rft Rs. 73753.00 ✓

7) Manufacturing Supplying flanged of difference dia made out of M.S sheet of variuos thick ness i/c cutting dirlling hols and welding flagned with M.S pipe etc complete. (RA Approved) (Based on Sub. Rate)

12" Dia Qty: 5.00 ✓ Nos @ Rs. 1522.94 ✓ Each Rs. 7615.00 ✓

8) C.I Tail pieces with one ends flanged and socket at the other ends for all size

12" Dia Qty: 203.34 ✓ Kg @ Rs. 120.00 ✓ P. Kg Rs. 24401.00 ✓

9) C.I bend with flanged and with holes includings tunning and facing of flanges for all size (SSINo:8,P-11)

12" Dia Qty: 147.96 ✓ Kg @ Rs. 120.00 ✓ P. Kg Rs. 17755.00 ✓

10) C.I Tee with flanged ends with holes i/c turning & facing) of flanged for all size

12"x12"x12" 89.25 ✓ Kg @ Rs. 120.00 ✓ P. Kg Rs. 10710.00 ✓

S NO	Items	Rates	Units	Amounts
------	-------	-------	-------	---------

11) Making Joints to PVC speacials fitting for laying of specials & cost of solvent cement of required dia meter & testing the joints along with PVC pipe line "B" "C" & "D" desire to the specified pressure & making good to all leaky joints etc complete

12" Dia Qty: 9.00 Nos @ Rs. 184.00 Each Rs. 1656.00

12) Joints C.I/M.S flanged pipe & speacials flanged & inside trenches the i/c supplying rubber packing of the required thick ness nunt & bolt with washers etc & other tools required for jointing & testing the joint to the specified pressure ect complete

12" Dia Qty: 7.00 Nos @ Rs. 2239.00 Each Rs. 15673.00

13) Providing chamber 3 2"x2½"(750x750) inside dimension 4½" @ (1372mm) deep as per approved designed for sluice valve 3" to 12", 18" (497mm) dia inside cost iron and frame (wt. 1 cwt 3 qr.) fixed in RCC 1:2:4 slab 4" (1.02mm) thick the steel per cft mortar 6" (152mm) thick cement concrete 1:2:4 flooring ½" (1.5mm) thick plaster 1:3 inside valve surface and to top i/c providing and fixing M.S foot rest as every one foot beyond 2 ½ depth curing excavation back filling and disposal of surplus earth to complete (PHSI No. 1 P-49)

Qty: 2.00 Nos @ Rs. 18820.00 Each Rs. 37640.00

14) Refilling the excavated stuff trenches in 6" thick layers i/c watering ramming to full compaction etc complete (PHSI No. 24 P-70).

Qty: 900.00 Cft @ Rs. 2760.00 P%o Cft Rs. 2484.00

Total Rs. 535962.00

Group 'F' Sludge Chanel

1) Excavation in foundation of building bridges & other structure including dagbelling dressing refilling around structure with excavated earth watering & ramming Lead upto 5feet in soft soil (GSI:NO.18(b) P-04).

Qty: 4813.0 Cft @ Rs. 3176.08 P% o Cft Rs. 15286.00

2) Cement concrete brick or stone ballast 1½ "to 2" gauge(1:4:8)(GSI No. 3 (b) P-16).

Qty: 875.0 Cft @ Rs. 9416.28 P% Cft Rs. 82392.00

3) Pacca brick work in foundation & plinth in cement sand motar (1:4) (GSI:No:4,P/23)

Qty: 2250.0 Cft @ Rs. 12501.41 P% Cft Rs. 281282.00

4) Cement concrete plain i/c placing compacting finishing and curing complete(i/c screening and washing of stone aggregate without shuttering Ratio 1:2:4 (GSI: 5,(h)P/-17).

Qty: 188.0 Cft @ Rs. 14429.25 P% Cft Rs. 27127.00

5) Cement plaster 1:4 upto 20'highet 1/2 "thick (GSI: No. 11 (b) P-57).

Qty: 3750.0 Sft @ Rs. 2283.93 P% Sft Rs. 85647.00

Total Rs. 491734.00

S NO	Items	Rates	Units	Amounts
<u>Group "G" Construction of Pump House (16'x12')</u>				
1)	Excavation in foundation of building bridges & other structure including dagbelling dressing refilling around structure with excavated earth watering & ramming Lead upto 5feet in soft soil (GSI:NO.18(b) P-04).			
Qty:	236.00 ✓ Cft	@ Rs. 3176.08 ✓	P%o Cft	Rs. 750.00 X
2.	Cement concrete brick or stone ballast 1 ½ " to 2" gauge (1:4:8)			
Qty:	116.00 ✓ Cft	@ Rs. 9416.28 ✓	P% Cft	Rs. 10923.00 X
3)	Random Rubble masonry (Uncoursed) ratio (1:6) (GSI: No: 2, P-31)			
Qty:	133.00 ✓ Cft	@ Rs. 17723.00 ✓	P% Cft	Rs. 23572.00 X
4)	Coursed R/Masonry including hammer dressing, ratio 1:6(GSI: No. 2, P-31)			
Qty:	177.00 ✓ Cft	@ Rs. 25321.00 ✓	P% Cft	Rs. 44818.00 X
5)	Damp proof course with (cement sand and shingle concrete 1:2:4) i/c 2 coats asphaltic mixture. (G.S.I.No: 28,P-19)			
Qty:	89.00 ✓ Cft	@ Rs. 4982.18 ✓	P% Sft	Rs. 4434.00 X
6).	Pacca brick work in ground floor i/c of joints in cement sand mortar (1:6)			
Qty:	403.00 ✓ Cft	@ Rs. 12674.36 ✓	P% Cft	Rs. 51078.00 X
7)	R.C.C work i/c all Labour & 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 (i/c screening & washing of shingle (a) RC work in roof slab beams columns rafts lintels and other structural members laid in situ or precast laid in position complete in all respect (I) ratio (1:2:4) 90 lbs cement 2 Cft sand 4 Cft single 1/8" to 1/4" gauge.(GSI.NO.6(a) I,P/18).			
Qty:	148.44 ✓ Cft	@ Rs. 337.00 ✓	P Cft	Rs. 50024.00 X
8)	Fabrication of mild steel reinforcement for cement concrete i/c cutting ,bending, laying in position making joints and fastenings i/c cost of binding wire (also includes removal of rust from bars) (G.S.I: No. 7 (a) P-20).			
Qty:	5.96 ✓ Cwt	@ Rs. 5001.70 ✓	P Cwt	Rs. 29831.00 X
9)	Filling watering and ramming earth under floor with new earth (Excavated from outside) lead upto one chain and lift upto 5 feet. (G.S.I.No: 22, P-5)			
Qty:	343.00 ✓ Cft	@ Rs. 3630.00 ✓	P%o Cft	Rs. 1245.00 X
10)	Providing & laying 1" thick topping C.C (1:2:4) i/c Cement concrete plain i/c placing compacting finishing and curing complete (i/c screening and washing of stone aggregate without shuttering (GSI: 5,(h)P/-17).			
Qty:	192.00 ✓ Cft	@ Rs. 3912.85 ✓	P% Cft	Rs. 7513.00 X
11)	Cement plaster 1:6 upto 20' height 1/2" thick. (GSI No: 11, P-52)			
Qty:	1092.00 ✓ Sft	@ Rs. 2206.60 ✓	P% Sft	Rs. 24096.00 X
12)	Cement plaster 1:3 upto 20' height 3/8" thick. (GSI No: 11, P-52)			
Qty:	1092.00 ✓ Sft	@ Rs. 2197.52 ✓	P% Sft	Rs. 23997.00 X

S NO	Items	Rates	Units	Amounts
13)	Making and fixing steel grated door with 1/16" thick as binding i/c angle iron frame 2"x2"x3/3" and 3/4" sq: bars 4" center to center with locking arrangement (GSI No:23, P/92).			
	Qty: 23.00 ✓ Sft	@ Rs. 726.72 ✓	P. Sft	Rs. 16715.00 ✓
14)	Cement Pointing flush on Stone work. (Incement mortar 1:3) (GSINo:20P53)			
	Qty: 130.00 ✓ Sft	@ Rs. 1758.08 ✓	P% Sft	Rs. 2286.00 ✓
15)	Supplying and fixing in position iron steel grill of 3/4"x1/4" size flate iron of approved design i/c painting and 3 coats etc complete weight not to be less than 3.7 pounds/Sq ft of finish grill. (GSI No:26 P/93).			
	Qty: 36.00 ✓ Sft	@ Rs. 180.50 ✓	P Sft	Rs. 6498.00 ✓
16)	Fabrication of havey steel work with angle flat iron round iron and sheet iron for making trusses girds tands etc i/c cutting tanks etc i/c cutting drilling revetting landing assembling and fixing but excluding erection in potion (GSINo:2 P No:91)			
	Qty: 3.0 ✓ Cwt	@ Rs. 4928.49 ✓	P. Cwt	Rs. 15049.00 ✓
17)	Errection and fitting in position of iron tursres staging of water tanks etc complete (GSINo:)			
	Qty: 3.0 ✓ Cwt	@ Rs. 271.04 ✓	P. Cwt	Rs. 828.00 ✓
18)	Painting new surface © prepare surface for panting on door & Windows any type i/c edge (Three Coats). (GSI No. 5, P-76)			
	Qty: 118.00 ✓ Cft	@ Rs. 2116.41 ✓	P% Sft	Rs. 2497.00 ✓
19).	Color Washing 2 Coats (GSI No. 25, P-59)			
	Qty: 1092.00 ✓ Cft	@ Rs. 859.90 ✓	P% Sft	Rs. 9390.00 ✓
20).	White Washing 2 Coats (GSI No. 26 P-59)			
	Qty: 1092.00 ✓ Cft	@ Rs. 425.84 ✓	P% Sft .	Rs. 4650.00 ✓

Electric Works

21)	Wiring for light or fan point. With (3/029) PVC insulated wire in 20 mm(1/2") PVC conduit on surface as required. (E.S.I No: 1,P-1)			
	Qty: 7.00 ✓ Points	@ Rs. 439.21 ✓	P Point	Rs. 3074.00 ✓
22)	Providing & Fixing A.C one way S.P 5 amps switch flush type on given prepared pord (ESI No. 1 P-10)			
	Qty: 7.00 ✓ Nos	@ Rs. 34.38 ✓	Each	Rs. 241.00 ✓
23)	Providing and fixing Surface type 3 Pin 15 Amp S.P surface plugs socket, switch & shoe unit on (E.S.I. No,15,P-11)			
	Qty: 1.00 ✓ No	@ Rs. 166.97 ✓	Each	Rs. 167.00 ✓
24)	Providing & fixing B-C bake lit angular type button holder (ESI No1P/13)			
	Qty: 7.00 ✓ Nos	@ Rs. 53.69 ✓	Each	Rs. 376.00 ✓

Sl. No	Items	Rates	Units	Amounts
25)	Supplying and fixing of A.C ceiling fan 56" inch (ESINo:235,P-34)			
Qty:	1.00 ✓ No	@ Rs. 3185.00 ✓	Each	Rs. 3185.00 ✓
26)	Providing and fixing Energy Saver superior quality i/c fixing one existing holder etc complete (E.S.I.No: 1,P-33)			
Qty:	4.00 ✓ Nos	@ Rs. 497.00 ✓	Each	Rs. 1988.00 ✓
Total Rs.				339225.00 ✓

Group "H" Chlorination Building (20'x16')

1) Excavation in foundation of building bridges & other structure including dagbelling dressing refilling around structure with excavated earth watering & ramming Lead upto 5feet in soft soil (GSI:NO.18(b) P-04).

Qty: 300.00 ✓ Cft @ Rs. 3176.08 ✓ P%o Cft Rs. 953.00 ✓

2. Cement concrete brick or stone ballast 1 1/2 " to 2" gauge (1:4:8)

Qty: 172.00 ✓ Cft @ Rs. 9416.28 ✓ P% Cft Rs. 16196.00 ✓

3) Random Rubble masonry (Uncoursed) ratio (1:6) (GSI: No: 2, P-31)

Qty: 169.00 ✓ Cft @ Rs. 17723.00 ✓ P% Cft Rs. 29952.00 ✓

4) Coursed R/Masonry including hammer dressing, ratio 1:6(GSI: No. 2, P-31)

Qty: 225.00 ✓ Cft @ Rs. 25321.00 ✓ P% Cft Rs. 56972.00 ✓

5) Damp proof course with (cement sand and shingle concrete 1:2:4) i/c 2 coats asphaltic mixture. (G.S.I.No: 27,P-22)

Qty: 113.00 ✓ Sft @ Rs. 4982.18 ✓ P% Sft Rs. 5630.00 ✓

6). Pacca brick work in ground floor i/c of joints in cement sand mortar (1:4)

Qty: 523.00 ✓ Cft @ Rs. 12674.36 ✓ P% Cft Rs. 66287.00 ✓

7) R.C.C work i/c all Labour & 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 (i/c screening & washing of shingle (a) RC work in roof slab beams columns rafts lintels and other structural members laid in situ or precast laid in position complete in all respect (I) ratio (1:2:4) 90 lbs cement 2 Cft sand 4 Cft single 1/8" to 1/4" gauge. (GSI.NO.6(a) I/P/18).

Qty: 221.00 ✓ Cft @ Rs. 337.00 ✓ P Cft Rs. 74477.00 ✓

8) Fabrication of mild steel reinforcement for cement concrete i/c cutting ,bending, laying in position making joints and fastenings i/c cost of binding wire (also includes removal of rust from bars) (G.S.I: No. 7 (a) p-20).

Qty: 8.88 ✓ Cwt @ Rs. 5001.70 ✓ P Cwt Rs. 44412.00 ✓

9) Filling watering and ramming earth under floor with new earth (Excavated from outside) lead upto one chain and lift upto 5 feet. (G.S.I.No: 22, P-5)

Qty: 734.00 ✓ Cft @ Rs. 3630.00 ✓ P%o Cft Rs. 2664.00 ✓

S NO	Items	Rates	Units	Amounts
10)	Providing & laying 1" thick topping C.C (1:2:4) i/c Cement concrete plain i/c placing compacting finishing and curing complete (i/c screening and washing of stone aggregate without shuttering (GSI: 5,(h)P/-17).			
Qty:	320.00 ✓ Cft	@ Rs. 3912.85 ✓	P% Cft	Rs. 12521.00 ✓
11)	Cement plaster 1:4 upto 20' height 1/2" thick. (GSI No: 11, P-57)			
Qty:	1420.00 ✓ Sft	@ Rs. 2283.93 ✓	P% Sft	Rs. 32432.00 ✓
12)	Making and fixing steel grated door with 1/16" thick as binding i/c angle iron frame 2"x2"x3/3" and 3/4" sq: bars 4" center to center with locking arrangement (GSI No:23, P/91).			
Qty:	23.00 ✓ Sft	@ Rs. 726.72 ✓	P. Sft	Rs. 16715.00 ✓
13)	Cement Pointing flush on Stone work. (Incement mortar 1:3) (GSI:No:20/P,58)			
Qty:	162.00 ✓ Sft	@ Rs. 1758.08 ✓	P% Sft	Rs. 2848.00 ✓
14)	Supplying and fixing in position iron steel grill of 3/4"x1/4" size flate iron of approved design i/c painting and 3 coats etc complete weight not to be less than 3.7 pounds/Sq ft of finish grill. (GSI No:26 P/77).			
Qty:	36.00 ✓ Sft	@ Rs. 180.50 ✓	P Sft	Rs. 6498.00 ✓
15)	Fabrication of havey steel work with angle flat iron round iron and sheet iron for making trusses girds tands etc i/c cutting tanks etc i/c cutting drilling revetting landing assembling and fixing but excluding erection in potion (GSINo:2 P No:91)			
Qty:	3.10 ✓ Cwt	@ Rs. 4928.49 ✓	P. Cwt	Rs. 15278.00 ✓
16)	Errection and fitting in position of iron turses stagning of water tanks etc complete (GSINo: _____)			
Qty:	3.10 ✓ Cwt	@ Rs. 271.04 ✓	P. Cwt	Rs. 840.00 ✓
17)	Painting new suface © prepare surface for panting on door & Windows any type i/c edge (Three Coats). (GSI No. 5, P-76)			
Qty:	118.00 ✓ Cft	@ Rs. 2116.41 ✓	P% Sft	Rs. 2497.00 ✓
18).	Color Washing 2 Coats (GSI No. 25, P-59)			
Qty:	1420.0 ✓ Cft	@ Rs. 859.90 ✓	P% Sft	Rs. 12211.00 ✓
19).	White Washing 2 Coats (GSI No. 26 P-59)			
Qty:	1420.0 ✓ Cft	@ Rs. 425.84 ✓	P% Sft	Rs. 6047.00 ✓

Electric Works

20) Wiring for light or fan point. With (3/.029) PVC insulated wire in 20 mm (1/2") PVC conduit on surface as required. (E.S.I No: 1,P-1)

Qty: 7.00 ✓ Points @ Rs. 469.67 ✓ P Point Rs. 3288.00 ✓

21) Providing & Fixing A.C one way S.P 5 amps switch flush type on given prepared pord (ESI No. 1 P-10)

Qty: 7.00 ✓ Nos @ Rs. 34.37 ✓ Each Rs. 241.00 ✓

S NO	Items	Rates	Units	Amounts
22)	Providing and fixing Surface type 3 Pin 15 Amp S.P surface plugs socket, switch & shoe unit on (E.S.I. No,15,P-11)			
	Qty: 1.00 ✓ No	@ Rs. 166.97 ✓	Each	Rs. 167.00 ✓
23)	Providing & fixing B-C bake lit angular type button holder (ESI No1P/13)			
	Qty: 7.0 ✓ Nos	@ Rs. 53.69 ✓	Each	Rs. 376.00 ✓
24)	Supplying and fixing of A.C ceiling fan 56" inch (ESINo:235,P-34)			
	Qty: 1.0 ✓ No	@ Rs. 3185.00 ✓	P Point	Rs. 3185.00 ✓
25)	Providing and fixing Energy Saver with phillip components including necessary electric connection and fixing on (E.S.I.No: 1,P-34)			
	Qty: 4.0 ✓ Nos	@ Rs. 497.00 ✓	Each	Rs. 1988.00 ✓
Total Rs.				414675.00 ✓

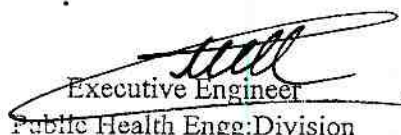
GENERAL ABSTRACT OF COST

1	Group 'A' Mixing Chamber (10'x12')	Rs. 500689.00 ✓
2	Group 'B' Sedimentation Tank (40'x17').	Rs. 2872673.00 ✓
3	Group 'C' Rapid Gravity Filter (19'x9') 1 No:	Rs. 904864.00 ✓
4	Group 'D' Clear Water Tank (60'x30') With Working Depth 10'	Rs. 4089377.00 ✓
5	Group 'E' Piping Work	Rs. 535962.00 ✓
6	Group 'F' Sludge Chanel	Rs. 491734.00 ✓
7	Group "G" Construction of Pump House (16'x12') (2 No)	Rs. 678450 339225.00 ✓
8	Group "H" Chlorination Building (20'x16')	Rs. 414675.00 ✓
G. Total		10488414 ✓

TERMS AND CONDITIONS.

- 1 Any error or omission in description of items Quantity and units will be governed by relevent schedule of rates and relevents rate anlyses.
- 2 The decision of the Superintending Engineer Public Health Engg: Circle Hyderabad will be final and binding on all the parties in any shape.
- 3 The rate schedule be inclusive of all taxes.
- 4 No premuim allow on be non schedule items.
- 5 No seprate carriage will be paid.


Firm/Contractor.


Executive Engineer
Public Health Engg:Division
Badin

COMPRATIVE STATEMENT.

Name of Work

Construction of Filter plant i/c Pump House, Mixing Chamber, Clarifier, Rapid Gravity Filter Bed, Chlorination Building, Clear Water Tank and Sludge, Recovery Beds for Improvement & Extension For Urban Water Supply Scheme Karlo Ghanwar Taluka Shaheed Fazal Rahu District Badin.

N.I.T No. TC/PHE/1991
Dated 13-11-2012

Dated of issue 10-12-2012
Date of opening 11-12-2012

Estimate sanctioned by Chief Engineer PHED Hyderabad vide No: DB/DEW/4274 Dated 02-11-2012 amounting to Rs. 11595700.00

DETAIL OF ESTIMATED COST.

1	Schedule Items.	Rs.	10252630.00
2	Non-Schedule Items.	Rs.	235794.00
3	Cartage.	Rs.	1076575.00
4	10% Contractor Profit	Rs.	30733.00
	Total.	Rs.	11595732.00
	Say	Rs.	11595700.00

RATE QUOTED BY THE CONTRACTORS

1	M/s B.A Shaikh & Co,	1.51% Above
2	M/s Muhammad Zaman & Qammar-ul-Zaman	2.00% Above
3	M/s Jawad Construction Co:	2.50% Above
4	M/s Muhammad Iqbal Shaikh & Co:	Not Tendere
5	M/s Lafa Ghulam Rasool	Not Tendere
LOWEST BID COST		
1	Schedule Items.	Rs. 10252630.00
2	Non-Schedule Items.	Rs. 235794.00
3	Contractor quoted Rate @ 1.51% above	Rs. 154815.00
	Tentative Tender Cost	Rs. 10643239.00
	Less E/Cost.	Rs. 11595700.00
	Difference	Rs. 952461.00

Rs. 952461.00 x 100 = 8.21% Below on Estit: Cost
11595700.00


L. M. Munjani
EXECUTIVE ENGINEER,
PUBLIC HEALTH ENGG: DIVISION
TANDO MUHAMMAD KHAN


Muhammad Iqbal
DIVISIONAL ACCOUNTS OFFICER
PUBLIC HEALTH ENGG: DIVISION
BADIN.


K.C. Kella
EXECUTIVE ENGINEER,
PUBLIC HEALTH ENGG: DIVISION
BADIN.


Bid Evaluation Report


1. Name of Procuring Agency: Public Health Engineering Department
2. Tender Reference No: TC/PHE/1991 Dated 13-11-2012
3. Tender Description/Name of Work/Item: Construction of Filter plant i/c Pump House, Mixing Chamber, Clarifier, Rapid Gravity Filter Bed, Chlorination Building, Clear Water Tank and Sludge, Recovery Beds for Improvement & Extension For Urban Water Supply Scheme Kario Ghanwar Taluka Shaheed Fazal Rahu District Badin,
4. Method of Procurement :- Singale Stage-One Envelope Procurement
5. Tender Published :- Daily Ibrat Express & Sobh on Dated 16-11-2012
6. Total Bid documents Sold: 5 Nos
7. Total Bids Received 3 Nos
8. Technical Bid Opening date (if applicable) N/A
9. No. of Bid technically qualified (if applicable): N/A
10. Bid(s) Rejected N/A
11. Financial Bid Opening date 14-11-2012

12. Bid Evaluation Report.

S No	Name of Firm or Bidders	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated Cost	Reasons for acceptance/ reject	Remarks
0	1	2	3	4	5	6
1	M/s Jawad Construction Co:	10744740	1 st	7.34% Below	Highest	Responsive
2	M/s Muhammad Zaman & Qammar-ul-Zaman	10693477	2 nd	7.78% Below	Highest	Responsive
3	M/s B.A Shaikh & Co:	10643239	3 rd	8.21% Below	Lowest	Responsive and with in the provision of sanctioned estimate recommended for approval.

This issues with the approval of the member of the procurement committee


L.H. Punhani
Executive Engineer
Public Health Engg: Division
Tando Muhammad Khan


Muhammad Iqbal
Divisional Accounts Officer
Public Health Engg: Division
Badin


K.C. Kella
Executive Engineer
Public Health Engg: Division
Badin

LIST OF BUYERS

Name of Work :- 1) Construction of Filter plant i/c Pump House, Mixing Chamber, Clarifier, Rapid Gravity Filter Bed, Chlorination Building, Clear Water Tank and Sludge, Recovery Beds for Improvement & Extension For Urban Water Supply Scheme Kario Ghanwar Taluka Shaheed Fazal Rahu District Badin.

Place:- Office of the Executive Engineer Public Health Engg: Division Badin on Dated 11-12-2012 at 2.30 P.M

The following bidders attended the public opening of bids.

S#	Name of Bidders
1	M/s B.A Shaikh & Co:
2	M/s Muhammad Zaman & Qammar-ul-Zaman
3	M/s Jawad Construction Co:
4	M/S Muhammad Iqbal Shaikh & Co:
5	M/s Lala Ghulam Rasool

COMPARATIVE STATEMENT

Name of Work		Providing Installing Pumping Machinery for Improvement & Extension Urban Water Supply Scheme Rajo Khanani Taluka Talhar District Badin		NIT No: TCP/HE/1991 Badin dated 13-11-2012		Date of Issue 10-12-2012 Date of Opening 11-12-2012				
Estimate Sanctions by S.E.PHE Circle Hyderabad vide No: DB/2421 Hyderabad Dated 19-11-2012 Amounting to Rs. 2259600.00		Rate Quoted by Contractors								
S.No.	Description of Sub Work	Provision of Sanction Estimate	M/s Noor Electric Engineering Works		M/s Mohammad Iqbal Shaikh & Co.		M/s Ali Enterprise		Anwar Ali Meman	
			Amount	% Age	Amount	% Age	Amount	% Age	Amount	% Age
1	P/Machiner Settled Water @	760366.00	19.04% Above	914651.00	20.29% Above	910810.00	19.79% Above			
2	P/Machiner @ Old Pump House	546044.00	18.96% Above	657513.00	20.41% Above	654830.00	19.92% Above			
3	P/Machiner @ Filtered Water	857829.00	18.90% Above	1039459.00	21.17% Above	1029690.00	20.03% Above			
4	PVC Rising Main	95321.00	18.25% Above	80621.00	-15.42% Below	114147.00	19.75% Above			
	Total	2259560.00	18.93% Above	2692244.00	19.15% Above	2709477.00	19.91% Above			Not Tended
	Say	2259600.00								

Total Tender Cost 2687433.00
Less Estimated Cost 2259600.00
Difference 427833.00

427833.00 / 2259600.00 = 18.93% Above on Estimated Cost

SUBMITTED TO S.E. PHE CIRCLE HYDERABAD

It is submitted that, the lowest rates quoted by M/s Noor Electric Engineering Works Government Contractor @ 18.93% Above on estimated cost being lowest in the competition if approved the workorder may be issued to the lowest contractor.


 TANDO MUHAMMAD KHAN
 EXECUTIVE ENGINEER,
 PUBLIC HEALTH ENGG: DIVISION


 MUHAMMAD IQBAL
 DIVISIONAL ACCOUNTS OFFICER,
 PUBLIC HEALTH ENGG: DIVISION
 BADIN.


 K.C. KALIA
 EXECUTIVE ENGINEER,
 PUBLIC HEALTH ENGG: DIVISION
 BADIN.

Bid Evaluation Report

ANN-13

1. Name of Procuring Agency: Public Health Engineering Department
2. Tender Reference No: TC/PHE/1991 Dated 13-11-2012
3. Tender Description/Name of Work/Item: Providing installing Pumping Machinery for Improvement & Extension of Urban Water Supply Scheme Rajo Khattani.
4. Method of Procurement :- Singale Stage-One Envelope Procurement
5. Tender Published :- Daily Ibrat on Dated 16-11-2012
6. Total Bid documents Sold; - 4 Nos
7. Total Bids Received 3 Nos
8. Technical Bid Opening date (if applicable) N/A
9. No. of Bid technically qualified (if applicable): N/A
10. Bid(s) Rejected N/A
11. Financial Bid Opening date 11-12-2012

12. Bid Evaluation Report.

S No	Name of Firm or Bidders	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated Cost	Reasons for acceptance/ reject	Remarks
0	1	2	3	4	5	6
1	M/s Ali Enterprise	2709477	1 st	19.91% Above	Highest	Responsive
2	M/s Muhammad Iqbal & Co:	2692244	2 nd	19.15% Above	Highest	Responsive
3	M/s Noor Electric Engineers Works	2687433	3 rd	18.93% Above	Lowest	Responsive and with in the provision of sanctioned estimate recommended for approval.

This issues with the approval of the member of the procurement committee


L.H. P. Khan
Executive Engineer
Public Health Engg. Division
Tando Muhammad Khan


Muhammad Iqbal
Divisional Accounts Officer
Public Health Engg. Division
Badin


K.C. Kella
Executive Engineer
Public Health Engg. Division
Badin

SCHEDULE 1

Head of Account:-		06-Sc-12055 Housing & Com Amenities (Capital) 063 Water Supply 0631 W/S 063102 Works			
Head of Account:-		PROVIDING INSTALLING PUMPING MACHINERY FOR IMPROVEMENT & EXTENSION URBAN WATER SUPPLY SCHEME RAJO KHANANI TALUKA R DISTRICT BADIN.			
S No	Items	Qty	Rate	Units	Amount

1) For Settled Water

1) Supplying and installing in position i/c transportation to site at Rajo Khanani A.C Electric pumping set consisting of A.C electric motor of type 25 BHP 1450 RPF-166-2AA 80 coupled with KSB pump (ETA NORM 80-20) size 4"x3" mounted on common steel base plate capable of discharging 635 gallons/minute against a head of 105' ft. i/c installation of pump on C.C foundation Ratio (1:2:4) and Ratio (1:4:8) with ballast with M.S nuts and bolts of 5/8" dia tabbed in C.C foundation i/c providing and fixing on prepared board A.C 50 Cycles 3 phase 12/25 trips rating push button type star delta starter MCU SD/15 17-A complete with no volts and over fuse and required i/c providing & fixing prepared board iron (clad) triple pole and neutral switch fh rewirable type fuse link carried 500 volts grade 30 ampere providing and fixing volts meter 0-500 and ampere meter 0-50 ampere installed on Metalled board i/c providing and fixing Metalled board to operate main or sub mains control switch's recessed in the wall size 3"x2 1/4" i/c providing protection bulbs with holder and providing internal electric wiring for mains with 12 A 7-166 P.V.C insuire 660 volts grade in 2.5mm (1") PVC conduit on as required i/c providing and fixing earthing set wt 2"x1 1/2" copper plate size (1 1/2"x2") G.I plate carried and to ground at depth 7'ft () for base of testing of the pumping set against the required head for 72 hours etc complete. (N.S)

Qty:	2.00	✶	Sets	@ Rs.	4200/-	P. Set	Rs.	8400.00 ✓
2) Manufacturing installing M.S pipe made out sheet 1/4" thick cutting folding to curvature and shape i/c welding etc complete (R.A Approved in schedule rates).								
6" Dia Qty:	58.00	✶	Rft	@ Rs.	525/-	P. Rft	Rs.	30450.00 ✓
3) Manufacturing installing M.S flange made out sheet 3/8" thick cutting folding to proper curvature and shape i/c welding etc complete (R.A Approved in schedule rates).								
6" Dia Qty:	18.00	✶	Nos	@ Rs.	750/-	Each	Rs.	13500.00 ✓
4) C.I Sluice Valve heavy patterns test pressure 300 lbs/sq inch (No:04 P-11)								
4" Dia Qty:	2.00	✶	Nos	@ Rs.	500/-	Each	Rs.	1000.00 ✓
5) C.I Reflex Valve heavy patterns test pressure 300 lbs/sq inch (No:03 P-09)								
4" Dia Qty:	2.00	✶	Nos	@ Rs.	500/-	Each	Rs.	1000.00 ✓
6) C.I Foot Valve heavy patterns with cone type gate (PHS No 1)								
6" Dia Qty:	2.00	✶	Nos	@ Rs.	300/-	Each	Rs.	600.00 ✓

Siddhant
Gnt

Hell

Items	Qty	Rate	Units	Amount
-------	-----	------	-------	--------

8) C.I Tapers flat bottomed central tapered flanged ends with holes i/c turning & facing fining facing of flanges for all size (PHSINo: 9, P-98)	Qty: 1.59 ✓	Cwt @ Rs.	20%	P. Cwt Rs. 32% ✓
9) C.I Blank flange (SMI No.12 P-17)	6" Dia Qty: 1.00 ✓	No @ Rs.	20%	Each Rs. 20% ✓
9) C.I tee flanged ends with holes i/c turning and facing of flanges for all size. (PHSI No. 01 P-11).	6"x6"x4" Qty: 0.82 ✓	Cwt @ Rs.	25%	P. Cwt Rs. 21% ✓
10) C.I bend with flanged ends with holes i/c turning & facing of flanges for all size. (PHSINo: 8, P-98)	6" Dia Qty: 1.46 ✓	Cwt @ Rs.	50%	P. Cwt Rs. 73% ✓
11) Supplying C.I Tail Pieces (PHSINo: 5 P,12)	8" Dia Qty: 0.44 ✓	Cwt @ Rs.	50%	P. Cwt Rs. 22% ✓
12) Jointing C.I/M.S flanged pipe & special flanged and inside trenches i/c supplying rubber packing of required thickness nuts and bolts with washers etc and other tools required for jointing the joints to the specified pressure etc complete. (PHSINO.11 P/35)	6" Dia Qty: 26.00 ✓	Joints @ Rs.	700%	P. Joint Rs. 18200% ✓
Total Rs.				905118% ✓

2) For Old Pump House

1) Supplying and installing in position i/c transportation to site of work at Rajo Khanani A.C Electric pumping set consisting of A.C electric motor of type 10 BHP 2900 RPM 1LA7-133-2AA 60 coupled with KSB pump (ETA NORM 50-16) size 2"x2 1/2" mounted on common steel frame or base plate capable of discharging 155 gallons/minute against a head of 85' ft. i/c installation of pumping set on C.C foundation Ratio (1:2:4) and Ratio (1:4:8) with ballast with M.S nuts and bolts of 5/8" dia to be embedded in C.C foundation i/c providing and fixing on prepared board A.C 50 Cycles 3 phase 12/25 ampere trips rating push button type star delta starter MCU SD/15 17-A complete with no volts and over load release and required i/c providing & fixing on prepared board iron (clad) triple pole and neutral switch fuse with rewirable type fuse link carried 500 volts grade 30 ampere providing and fixing volts meter 0-500 volts and ampere meter 0-50 ampere installed on Metalled board i/c providing and fixing Metalled board to accommodate main or sub mains switch's recessed in the wall size 3"x2 1/2" i/c providing phase indication bulbs with holder and providing internal electric wiring for mains with 12 A 7-166 P.V.C insulated wire 660 volts grade in 2.5mm (1") PVC joint on as required i/c providing and fixing earthing set with (2' x 2' x 1 1/2") copper plate size (1 1/2' x 2") G.I plate carried and to ground at depth 7'ft () for base plate and testing of the pumping set against the required head for 72 hours etc complete. (N.S)

Qty: 2.00 ✓	Sets @ Rs.	35000%	P. Set Rs. 63000% ✓
2) Manufacturing installing M.S pipe made out sheet 1/16" thick cutting folding to curvature and shape i/c welding etc complete (R.A Approved based on schedule rates).	3" Dia Qty: 36.00 ✓	Rft @ Rs.	225% P. Rft Rs. 8100% ✓
4" Dia Qty: 22.00 ✓	Rft @ Rs.	300%	P. Rft Rs. 6600% ✓

Handwritten signatures and initials:
 J...
 Cml -
 Bell

Items	Qty	Rate	Units	Amount
-------	-----	------	-------	--------

Manufacturing installing M.S flange made out sheet 3/8" thick cutting folding to proper curvature and shape i/c welding etc complete (R.A. Approved based on schedule rates).

1) 3" Dia Qty:	8.00 ✓	Nos @ Rs.	50%	Each	Rs. 400%
4" Dia Qty:	10.00 ✗	Nos @ Rs.	60%	Each	Rs. 600%
2) C.I Sluice Valve heavy patterns test pressure 300 lbs/sq inch (SIM No:02 P-11)					
3" Dia Qty:	2.00 ✗	Nos @ Rs.	400%	Each	Rs. 800%
3) C.I Reflex Valve heavy patterns test pressure 300 lbs/sq inch (SIM No:06 P-11)					
3" Dia Qty:	2.00 ✗	Nos @ Rs.	300%	Each	Rs. 600%
4) C.I Foot Valve heavy patterns with cone type gate (PHSINO: 4,P-12)					
3" Dia Qty:	2.00 ✗	Nos @ Rs.	200%	Each	Rs. 400%
5) C.I Tapers flat bottomed central tapered flanged ends with holes i/c turning & facing turning facing of flanges for all size (PHSINO:9,P-98)					
Qty:	0.70 ✗	Cwt @ Rs.	200%	P. Cwt	Rs. 140%
6) C.I Blank flange (SMI No.12 P-17)					
4" Dia Qty:	1.00 ✗	No @ Rs.	200%	Each	Rs. 200%
7) C.I tee flanged ends with holes i/c turning and facing of flanges for all size. (PHSI No. 07 P-12)					
4"x4"x4" Qty:	0.49 ✗	Cwt @ Rs.	300%	P. Cwt	Rs. 147%
8) C.I bend with flanged ends with holes i/c turning & facing of flanges for all size. (PHSINO:8,P-12)					
Qty:	0.64 ✗	Cwt @ Rs.	25%	P. Cwt	Rs. 16%
9) Supplying C.I Tail Pieces (PHSINO:5 P,12)					
6" Dia Qty:	0.30 ✗	Cwt @ Rs.	50%	P. Cwt	Rs. 15%
10) Jointing C.I/M.S flanged pipe & special flanged and inside trenches i/c supplying rubber packing of required thickness nuts and bolts with washers etc and other tools required for jointing the joints to the specified pressure etc complete. (PHSINO.1, P/35)					
3" Dia Qty:	10.00 ✓	Joints @ Rs.	50%	P. Joint	Rs. 500%
4" Dia Qty:	18.00 ✓	Joints @ Rs.	60%	P. Joint	Rs. 1080%
				Total	Rs. 649598%

Sub
Cost

Wally

Wally
19598

649598--

S No	Items	Qty	Rate	Units	Amount
------	-------	-----	------	-------	--------

For Filtered Water

1) Supplying and installing in position i/c transportation to site of work at Rajo Khanani A.C Electric pumping set consisting of A.C electric motor of type 20 BHP 1450 RPM 1LA7-186-4AA 60 coupled with KSB pump (ETA NORM 100-315) size 5"x4" mounted on common steel frame or base plate capable of discharging 380 gallons/minute against a head of 105' ft. i/c installation of pumping set on C.C foundation Ratio (1:2:4) and Ratio (1:4:8) with ballast with M.S nuts and bolts of 5/8" dia to be embedded in C.C foundation i/c providing and fixing on prepared board A.C 50 Cycles 3 phase 12/25 ampere trips rating push button type star delta starter MCU SD/15 17-A complete with no volts and over load release and required i/c providing & fixing on prepared board iron (clad) triple pole and neutral switch fuse with rewirable type fuse link carried 500 volts grade 30 ampere providing and fixing volts meter 0-500 volts and ampere meter 0-50 ampere installed on Metalled board i/c providing and fixing Metalled board to accommodate main or sub mains control switch's recessed in the wall size 3'x2 1/2" i/c providing phase indication bulbs with holder and providing internal electric wiring for mains with 12 A 7-166 P.V.C insulated wire 660 volts grade in 2.5mm (1") PVC conduit on as required i/c providing and fixing earthing set with, (2' x 2' x 1 1/2") copper plate size (11/2' x 2') G.I plate carried and to ground at depth 7'ft () for base plate and testing of the pumping set against the required head for 72 hours etc complete.(N.S)

Qty: 2.00 X Sets @ Rs. 48000/- P. Set Rs. 96000/-

2) Manufacturing installing M.S pipe made out sheet 1/16" thick cutting folding to curvature and shape i/c welding etc complete (R.A Approved based on schedule rates).

6" Dia Qty: 58.00 X Rft @ Rs. 525/- P. Rft Rs. 30450/-

3) Manufacturing installing M.S flange made out sheet 3/8" thick cutting folding to proper curvature and shape i/c welding etc complete (R.A Approved based on schedule rates).

6" Dia Qty: 18.00 X Nos @ Rs. 750/- Each Rs. 13500/-

4) C.I Sluice Valve heavy patterns test pressure 300 lbs/sq inch (SIM No:02 P-11)

4" Dia Qty: 2.00 X Nos @ Rs. 300/- Each Rs. 600/-

5) C.I Reflex Valve heavy patterns test pressure 300 lbs/sq inch (SIM No:06 P-11)

4" Dia Qty: 2.00 X Nos @ Rs. 300/- Each Rs. 600/-

6) C.I Foot Valve heavy patterns with cone type gate (PHSINo: 3,P-11)

4" Dia Qty: 2.00 X Nos @ Rs. 200/- Each Rs. 400/-

7) C.I Tapers flat bottomed central tapered flanged ends with holes i/c turning & facing turning facing of flanges for all size (PHSINo: 9,P-98)

Qty: 2.55 X Cwt @ Rs. 25/- P. Cwt Rs. 64/-

8) C.I Blank flange (SMI No.12 P-15)

6" Dia Qty: 1.00 X No @ Rs. 50/- Each Rs. 50/-

[Handwritten signatures]

No	Items	Qty	Rate	Units	Amount
----	-------	-----	------	-------	--------

1) C.I tee flanged ends with holes i/c turning and facing of flanges for all size. (PHSI No. 7 P-12).

8"x8"x4" Qty: 0.82 X Cwt @ Rs. 300/- P. Cwt Rs. 246/-

10) C.I bend with flanged ends with holes i/c turning & facing of flanges for all size. (PHSINO:8,P-12)

Qty: 1.46 X Cwt @ Rs. 50/- P. Cwt Rs. 73/-

11) Supplying C.I Tail Pieces (PHSINO:5 P,12)

18" Dia Qty: 1.36 X Cwt @ Rs. 50/- P. Cwt Rs. 68/-

12) Jointing C.I/M.S flanged pipe & special flanged and inside trenches i/c supplying rubber packing of required thickness nuts and bolts with washers etc and other tools required for jointing the joints to the specified pressure etc complete. (PHSI.NO.1, P/35)

6" Dia Qty: 26.00 X Joints @ Rs. 500/- P. Joint Rs. 13000/-

18" Dia Qty: 1.00 / Joint @ Rs. 950/- P. Joint Rs. 950/-

Total Rs. 102000/-

4) PVC RISING MAIN

1) Providing P.V.C pipe of class 'B' (Equivalent make) fixing in trench i/c cutting, fitting and jointing with Z joint with one rubber rings i/c testing with water to a head of 61 meter or 200 ft. (RCSINO:1(E)P-22)

8" Dia Qty: 200.00 X Rft @ Rs. 500/- P. Rft Rs. 100000/-

2) Excavation for pipe lines in trenches & pits in soft i/c trimming and dressing side to true alignment & shape leveling of beds of trenches to correct level and grade, cutting joint holes & disposal of surplus earth within in one chain as directed by Engineer In charge. Providing fence guards lights flags and temporary crossing for none traffic where ever required lift upto 5' ft (1.52m) & lead up to one chain (30.50m) (PHSINO A P-60)

Qty: 1687.50 X Cft @ Rs. 3000/- P% o Cft Rs. 5063/-

3) P.V.C jointing fitting (S.M.I No. 18 P-27)

i) Bend 90°

8" Dia Qty: 1.00 X No @ Rs. 3000/- Each Rs. 3000/-

4) Refilling the excavated stuff trenches in 6" thick layers i/c watering ramming to full compaction etc complete. (PHSI No. 24 P-53).

Qty: 1519.00 / Cft @ Rs. 2800/- P% o Cft Rs. 4253/-

Handwritten signature

Sub Cont

S No	Items	Qty	Rate	Units	Amount
------	-------	-----	------	-------	--------

5) Making Joints to PVC specials fitting for laying of specials & cost of solvent cement of required dia meter & testing the joints along with PVC pipe line "B" "C" & "D" desire to the specified pressure & making good to all leaky joints etc complete (PHSI: 2,P-35)

8" Dia Qty:	2.00 ✓	Nos	@ Rs. 200/	Each	Rs. 400/ ✓
					Total Rs. 112716/ ✓

GENERAL ABSTRACT OF COST

1	FOR SETTLED WATER				Rs 905118 ✓
2	FOR OLD PUMP HOUSE				Rs 649598 ✓
3	FOR FILTERED WATER				Rs 1020001 ✓
4	PVC RISING MAIN				Rs 112716 ✓

G. Total Rs. 2687433 ✓

TERMS AND CONDITIONS.

- 1 Any error or omission in description of items Quantity and units will be governed by relevent schedule of rates and relevents rate anlysises.
- 2 The decision of the Superintending Engineer Public Health Engg: Circle Hyderabad will be final and bounding on all the parties in any shape.
- 3 The rate schedule be inclusive of all taxes.
- 4 No premium allow on non schedule items.
- 5 No seprate carriage will be paid.


Firm/Contractor.


EXECUTIVE ENGINEER,
PUBLIC HEALTH ENGG: DIVISION
BADIN

COMPRATIVE STATEMENT

Name of Work		Providing Installing Pumping Machinery for Improvement & Extension Urban Water Supply Scheme Raju Khanani Taluka Talhar District Badin		NIT No:TC/PHE/1991 Badin dated 13-11-2012		Date of Issue 10-12-2012 Date of Opening 11-12-2012				
Estimate Sanctioned by S.E.PHE: Circle Hyderabad vide No:DB/2421 Hyderabad Dated 19-11-2012 Amounting to Rs. 2259600.00										
S.No:	Description of Sub Work	Provision of Sanction Estimate	Rate Quoted by Contractors							
			M/s Nour Electric Engineering Works		M/s Muhammad Iqbal Shaikh & Co.		M/s Ali Enterprise		Anwar Ali Memon	
			Amount	% Age	Amount	% Age	Amount	% Age	Amount	% Age
1	P/Machiner @ Settled Water	760366.00	905118.00	19.04% Above	914651.00	20.29% Above	910810.00	19.79% Above		
2	P/Machiner @ Old Pump House	546044.00	649598.00	18.96% Above	657513.00	20.41% Above	654830.00	19.92% Above		
3	P/Machiner @ Filtered Water	857829.00	1020001.00	18.99% Above	1039459.00	21.17% Above	1029690.00	20.03% Above		
4	PVC Rising Main	95521.00	112716.00	18.25% Above	80621.00	-15.42% Below	114147.00	19.75% Above		
Total			2687433.00	18.93% Above	2692244.00	19.15% Above	2709477.00	19.91% Above	Not Tended	
Say			2259600.00							

Total Tender Cost 2687433.00
Less Estimated Cost 2259600.00
Difference 427833.00

427833.00 / 2259600.00 = 18.93%
 100 / 18.93% Above on Estimated Cost

SUBMITTED TO S.E.PHE.CIRCLE.HYDERABAD

It is submitted that, the lowest rates quoted by M/s Nour Electric Engineering Works Government Contractor @ 18.93% Above on estimated cost being lowest in the competition if approved the workorder may be issued to the lowest contractor.


 Tando Muhammad Khan
 EXECUTIVE ENGINEER,
 PUBLIC HEALTH ENGG: DIVISION
 TANDO MUHAMMAD KHAN


 Muhammad Iqbal
 DIVISIONAL ACCOUNTS OFFICER
 PUBLIC HEALTH ENGG: DIVISION
 BADIN.


 K.C. Kella
 EXECUTIVE ENGINEER,
 PUBLIC HEALTH ENGG: DIVISION
 BADIN.

Bid Evaluation Report

1. Name of Procuring Agency: Public Health Engineering Department
2. Tender Reference No.: TC/PHE/1991 Dated 13-11-2012
3. Tender Description/Name of Work/Item: Providing installing Pumping Machinery for Improvement & Extension of Urban Water Supply Scheme Rajo Khanani.
4. Method of Procurement :- Singale Stage-One Envelope Procurement
5. Tender Published :- Daily Ibrat on Dated 16-11-2012
6. Total Bid documents Sold; 4 Nos
7. Total Bids Received 3 Nos
8. Technical Bid Opening date (if applicable) N/A
9. No. of Bid technically qualified (if applicable); N/A
10. Bid(s) Rejected N/A
11. Financial Bid Opening date 11-12-2012

12. Bid Evaluation Report.

S No	Name of Firm or Bidders	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated Cost	Reasons for acceptance/ reject	Remarks
0	1	2	3	4	5	6
1	M/s Ali Enterprise	2709477	1 st	19.91% Above	Highest	Responsive
2	M/s Muhammad Iqbal & Co:	2692244	2 nd	19.15% Above	Highest	Responsive
3	M/s Noor Electric Engineers Works	2687433	3 rd	18.93% Above	Lowest	Responsive and with in the provision of sanctioned estimate recommended for approval.

This issues with the approval of the member of the procurement committee


 I. N. H. H. H. H.
 Executive Engineer
 Public Health Engg. Division
 Tando Muhammad Khan


 Muhammad Iqbal
 Divisional Accounts Officer
 Public Health Engg. Division
 Badin


 K.C. Kella
 Executive Engineer
 Public Health Engg. Division
 Badin

LIST OF BUYERS

Name of Work :- 1) Providing Installing Pumping Machinery for Improvement & Extension Urban Water Supply Scheme Rajo Khanani Taluka Talhar District Badin

Place:- Office of the Executive Engineer Public Health Engg. Division Badin on Dated 11-12-2012 at 2.30 P.M.

The following bidders attended the public opening of bids.

S#	Name of Bidders
1	M/s Noor Electric Works
2	M/s Muhammad Iqbal Shaikh & Co:
3	M/s Ali Enterprise
4	Mr. Anwar Ali Memon