

PUBLIC HEALTH ENGG: DIVISION THATTA



STANDARD BIDDING DOCUMENTS
PROCUREMENT OF WORKS (SPPRA BIDDING DOCUMENTS)
For Contracts (Small) amounting between Rs.2.5 (M) to Rs.50 (M)

Name of Work:- CONSTRUCTION OF WATER SUPPLY SCHEME WARD
NO.9,10 & 11 SUJAWAL CITY(FEDERAL PSDP 2014-15)

Reference N.I.T. No.PHE/TC/ 865 Dated 17-04-2015

Issued to M/s _____ Government Contractor

D.R. No. _____ Dated _____ Tender Fee Rs:2000/-

Date of Issue 06-05-2015 Date of Opening 06-05-2015


STANDARD BIDDING DOCUMENT IS INTENDED AS A MODEL FOR
ADMEASUREMENTS (PERCENTAGE RATE FOR UNIT RATES IN A BILL OF
QUANTITIES TYPES OF CONTRACT THE MAIN TEXT REFERS TO
ADMEASUREMENTS CONTRACTS.

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG:DIVISION
THATTA

BIDDING DATA

- (This section should be filled in by the Office of the Executive Engineer Public Health Engg: Division, Thatta before issuance of the bidding documents).

(a)	Name of Procuring Agency:-	The Executive Engineer Public Health Engineering Division Thatta
(b)	Brief Description of Works:-	CONSTRUCTION OF WATER SUPPLY SCHEME WARD NO.9,10 & 11 SUJAWAL CITY (PSDP 2014-15)
(c)	Procuring Agency Address:-	The Executive Engineer Public Health Engg: Division Thatta Near Session Court & S.P office Thatta at Makli..
(d)	Estimated Cost:-	Rs: 9.940 Million
(e)	Amount of Bid Security:-	Rs:-1,58,800/-
(f)	Period of Bid Validity (Days):-	(30 Days)
(g)	Security Deposit (if Bid Security):-	(08 %)
(h)	Percentage, if any, to be deducted from bills:-	(07.50% Income Tax Deduction & 08% Security Deposit)
(i)	Deadline for submission of Bids along with time:-	06-05-2015 1:00 PM
(j)	Venue, Time, and Date of Bid Opening:-	Deputy Commissioner Sujawal on 06-05-2015 at 2.00 P:M
(k)	Time for completion from written order of Commence:-	02 Months
(l)	Liquidity Damages:-	(01% On Estimated Cost)Per day subject to Minimum of 10%.
(m)	Deposit Receipt No. Date & Amount (in words and figure)	CD NO: _____ dated: _____ Amount Rs: _____ Bank _____ _____ M/s _____


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
THATTA

BILL OF QUANTITY**(B) DESCRIPTION AND RATE OF ITEMS BASED ON COMPOSITE
SHEDULE OF RATES****NAME OF WORK: CONSTRUCTION OF WATER SUPPLY SCHEME WARD NO.9,10,11 SUJAWAL TOWN TALUKA
SUJAWAL DISTRICT SUJAWAL**

Sr. No	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
GROUP: 'A' PUCCA STORAGE TANK					
1	Excavation in tanks and reservoir in Soft Soil i/c Trimming and dressing sides to true alignment / design section profiles and shape leveling of beds of tanks to correct level and grade i/c laying in 6" layers for construction of banks and dressing and disposal of surplus excavated earth within one chain as directed by Engineer in charge i/c providing fence guards, lights wherever required lift upto 5ft and lead upto one chain etc complete (P.H.S.I.No. 1 P-49)	86320 Cft	@Rs 3000	P%0 Cft	Rs 258960 /-
2	Excavation for tanks and reservoir in Wet Soil clay or mud i/c Trimming and dressing sides to true alignment / design section profiles and shape leveling of beds of tanks to correct level and grade i/c laying in 6" layers for construction of banks and dressing and disposal of surplus excavated earth within one chain as directed by Engineer in charge i/c providing fence guards, lights flags wherever required lift upto 5ft and lead upto one chain etc complete (P.H.S.I.No. 1 P-49)	34528 Cft	@Rs 4800	P%0 Cft	Rs 165734 /-
3	Cement Concrete brick or stone Ballast 1 1/2" to 2" gauge (F.ratio: 1:4:8) (G.S.I.No. 4/d P-16)	9198.00 Cft	@Rs 9416.28	P% Cft	Rs 866109 /-
4	Pucca Brick work in foundation and plinth in Cement Sand mortar (1:6) (GSINo.4/E P/21)	7539.00 Cft	@Rs 11948.4	P% Cft	Rs 900787 /-
5	Cement Concrete plain i/c placing compacting finishing and during complete i/c screening and washing of stone aggregate without shuttering etc complete (Ratio: 1:3:6) (G.S.I.No. 5 P-18)	1875.00 Cft	@Rs 12595.00	P% Cft	Rs 236156 /-
6	Cement Plaster 3/4" thick in cement sand mortar (1:4) upto 12'ft height (G.S.I.No. P-)	4693 Sft	@Rs 2590.50	P:% Sft	Rs 121572 /-
7	Cement Pointing Struck joint on walls Ratio (1:3) (GSINo.19/b P/53)	843 Sft	@Rs 1213.58	P:% Sft	Rs 10230 /-
Total					Rs 2559550 /-

GROUP: "B" FEEDING CHANNEL

1	Excavation in foundation of building bridges and others structure i/c Dag Belling Dressing refilling around the structure with excavated earth watering ramming lift upto 5ft lead upto one chain (Ordinary Soil) (G.S.I.No. 18/B P-54)	9625.00 Cft	@Rs 3176.25	P%0 Cft	Rs 30571	/-
2	Cement Concrete brick or stone ballast 1 ½" guage Ratio (1:4:8)	1750.00 Cft	@Rs 9416.28	P%0 Cft	Rs 16478	/-
3	Pucca Brick work in foundation and plinth in Cement Sand Mcrtar (1:6)	4125.00 Cft	@Rs 11948.4	P% Cft	Rs 492870	/-
4	Cement Plaster ½" thick upto 12' height	9000.00 Sft	@Rs 2283.93	P:% Sft	Rs 205554	/-
5	Cement Concrete plain i/e placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (Ratio : 1:2:4) (G.S.I.No. 5 P-18)	500 Cft	@Rs 14429.25	P:% Cft	Rs 72146	/-
6	Excavation in tanks and reservoir in Soft Soil i/c Trimming and dressing sides to true alignment / design section profiles and shape leveling of beds of tanks to correct level and grade i/c laying in 6" layers for construction of banks and dressing and disposal of surplus excavated earth within one chain as directed by Engineer in charge i/c providing fence guards, lights wherever required lift upto 5ft and lead upto one chain etc complete (P.H.S.I.No. 1 P-49)	288.00 Cft	@Rs 3600	P%0 Cft	Rs 1037	/-
7	Providing R.C.C Pipe of ASTM C-76/62 TC-76-70 Class II wall "B" and fixing in trenches i/c cutting fitting and jointing with rubber rings i/c testing with water to specified pressure.	32.00 Rft	@Rs 412	P: Rft	Rs 13184	/-
8	Refilling the excavated staff in trenches in 6" thick layers i/c watering and ramming to full compaction etc complete (P.H.S.I.No. 22 P-47)	260.00 Cft	@Rs 2760.00	P%0 Cft	Rs 718	/-
Total					Rs 832558	/-

GROUP: "C" DELIVERY MAIN / DISTRIBUTION SYSTEM

1	Excavation for Pipe Line.in trenches and pits in Soft Soil i/c trimming and dressing sides to true alignment and shape leveling of trencher to correct level and grade cutting joint holes and disposal of surplus earth within a one chain as directed by Engineer incharge providing fence guards. Lift. Flags and temporary crossing for non vehicular traffic wherever required lift upto 5 ft (1.52) and lead upto one chain (30.5m)	72000 Cft	@Rs 3600	P%0 Cft	Rs 259200	/-
2	Providing Laying & Fixing in trench i/c fixing jointing Density Polyhytehnic P.E Pipe (HDPE100)					
i.	3" dia Pipe (90mm)	8000.00 Rft	@Rs 148	P: Rft	Rs 1184000	/-
ii.	4" dia Pipe	4000.00 Rft	@Rs 224	P: Rft	Rs 896000	/-
3	Cast Iron Specials.for A.C / UPVC Pressure Pipe					
i.	Bend 90° 4" dia	2.00 Nos	@Rs 893	Each	Rs 1786	/-
ii.	Bend 90° 3" dia	1.00 No.	@Rs 650	Each	Rs 650	/-
iii.	C.I Tee 4' x 4" x 3"	6.00 Nos	@Rs 956.25	Each	Rs 5738	/-
iv.	C.I Tee 3' x 3" x 3"	3.00 Nos	@Rs 968.75	Each	Rs 2906	/-
v.	C.I Short Piece 4" dia	4.00 Nos	@Rs 487.50	Each	Rs 1950	/-
vi.	C.I Dead End 3" dia	10.00 Nos	@Rs 368.75	Each	Rs 3688	/-
vii.	C.I Tee 4' x 4" x 4"	1.00 No	@Rs 1112.50	Each	Rs 1113	/-
4	C.I Sluice valve heavy pattern. (Test pressure 21.0 kg/sq cm or 300 lb/sq.inch imported)	2.00 No	@Rs 5460	Each	Rs 10920	/-
5	Making joint P.V.C Special Fitting i/c laying of the required dia meter and testing to the joint along with the P.V.C Pressure Pipe Line to the specified pressure and making good to all Leakey joint					
i.	4" DIA	12.00 Joints	@Rs 70	P: Joint	Rs 840	/-
ii.	3" DIA	17.00 Joints	@Rs 59	P: Joint	Rs 1003	/-
6	Jointing C.I M/S Flanged Pipe and specials flanged and inside at trenches i/c supplying rubber packing of the required thickness nuts and bolts with washer etc and other tools required for jointing and testing the joints to the specified pressure etc complete. (P.H.S.I. No: 1 P/27)	4.00 Joints	@Rs 513	P: Joint	Rs 2052	/-

7	Providing Chamber 2-1/3' x 11/2 (711 x 457 mm) insides dimension 4 1/2" (1372 mm) deep as approved design for Sluice valve 3" to 12" dia with 18" (457 mm) dia inside C.I. Cover and frame (wt = 1 cwr 3 sq) fixed in RCC 1:2:4 slab 4" (102 mm) walls set in 1:6 cement motor 6" (152 mm) brick masonry walls set in 1:6 cement motor 6" (152 mm) thick c.c. 1:3:6 in foundation (25 mm) thick cement 1:2:4 flooring 1/2" (152 mm) thick cement plaster 1:3 to all inside wall surface and top i/c providing and fixing M.S foot rest at every one foot beyond 2-1/2ft depth curing excavation back filling and disposal of surplus etc complete. (P.H.S.I. No: 1 P/34).	2.00 Nos	@Rs 18820	Each	Rs 37640	/-
8	Reffilling excavated the stuff in trenches 6" thick layers i/c watering ramming to full compaction etc complete (P.H.S.NO: 324/ P54)	64800 Cft	@Rs 2760.00	P%0 Cft	Rs 178848	/-
					Total	Rs 2588333 /-

GROUP: "D" PUMP HOUSE I/C SUMP WELL

1	Excavation in foundation of building bridges and others structure i/c Dag Belling Dressing refilling around the structure with excavated earth watering ramming lift upto 5 Ft and lead upto one chain (ordinary Soil) (G.S.I No: 18/B P/5).	572 Cft	@Rs 3176.25	P%0 Cft	Rs 1817	/-
2	Cement Concrete brick or stone ballast 1.1/2" to 2" Gauge Ratio 1:4:8 etc (G.S.I No: 4/B P/16)	107.03 Cft	@Rs 9416.28	P% Cft	Rs 10078	/-
3	Coursed Ruble Masonry including hammer dressing with cement sand mortor sand Ratio 1:6. (G.S.I.NO: 2 P/32)	470.00 Cft	@Rs 25321	P% Cft	Rs 119009	/-
4	D.P.C with cement sand shingle concrete ratio 1:2:4 and cost of asphaltic mixture (G.S.I No. 98 P/102)	56.25 Sft	@Rs 3912.85	P% Sft	Rs 2201	/-

5	Coursed Ruble Masonry including hammer dressing with cement sand mortor sand Ratio 1:6. (G.S.I.NO: 4 P/33)	313.75 Cft	@Rs 26288.5	P% Cft	Rs 82480	/-
6	R.C.C work i.e. all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rates also i.e. all kinds forms modules lifting shutting curing remarking and finishing the exposed surface i.e. screening and washing of shingle (a) R.C. work in roof slab beams columns rafts lintel and other structural member laid in Situ or pre-cast laid in position in the respect ratio 1:2:4 etc complete (G.S.I No. 6/a P/18)	78.32 Cft	@Rs 337	P: Cft	Rs 26394	/-
7	Fabrication of mild steel reinforcement for cement concrete i.e. cutting bending laying in position making joints & fastening i.e. cost of binding wire also i.e. removal of rust from bars (G.S.I No. 7 ii(a) P/19). (Using Bors)	3.14 Cwt	@Rs 5001.70	P: Cwt	Rs 15705	/-
8	Cement Plaster ¾" thick in Cement Sand mortor (1:6)	376.00 Sft	@Rs 2590.50	P% Sft	Rs 9740	/-
9	Providing and laying 2" thick topping cement concrete (1:2:4) i/c surface finishing and dividing in to panels 2" thick etc (G.S.I No. 16/c P/46).	220.25 Sft	@Rs 3275.5	P% Sft	Rs 7214	/-
10	Pointing Flush on Stone work Raised.	3360.00 Sft	@Rs 1758.08	P% Sft	Rs 59071	/-
11	Making and fixing steel door with 1/16" thick sheeting i/e. angle iron frame 2" x 2" x 3/8" and ¾" square bars 4" center to center with looking arrangement (G.S.I No. 24 P/97)	21.00 Sft	@Rs 726.72	P: Sft	Rs 15261	/-
12	Supplying and fixing iron steel grill of 3/4" to 1/4" flat iron of approved desion i/c painting 3 coats etc complete weight not less them 3:7 P: & foot of fen steel gircs. (G.S.I.No. 24 P: 97)	24.00 Sft	@Rs 180.50	P: Sft	Rs 4332	/-
13	White Washing (G.S.I No. 26 P/59) (Three Coasts)	256.00 Sft	@Rs 829.95	P:% Sft	Rs 2125	/-
14	Color Washing Two Coat (G.SI.NO: 25 P/55)	256.00 Sft	@Rs 859.90	P:% Sft	Rs 220134	/-
					Total	Rs 575562 /-

GROUP: "E" COMPOUND WALL

1	Excavation in foundation of building bridges and other structure i/c dag belling dressing refilling around the structure with excavated earth watering ramming lift upto 5 ft and lead upto one chain (In ordinary soil) etc (GS INo : 18 P-4)	2552.00 Cft	@Rs 3176.25	P:%0 Cft	Rs 8106	/-
2	Cement concrete brick or stone blast 1 ½" to 2" gauge ratio (1:4:8)	638.00 Cft	@Rs 9416.28	P:% Cft	Rs 60076	/-
3	Coursed Rubble masonry i/c hammer dressing in cement sand mortor(1:6) in foundation & Plinth etc. (G.S.I No. 20 P/31)	3350 Cft	@Rs 25321	P:% Cft	Rs 848254	/-
4	D.P.C with cement sand shingle concrete ratio (1:2:4) and cost of asphaltic mixture (G.S.I No. 98 P/102)	957.00 Sft	@Rs 3912.85	P% Sft	Rs 37446	/-
5	Providing & Laying (1:3:6) Cement Concrete Solid Block Masonry wall 6" and below in thickness set in (1:6) cement mortar in ground floor super – structure including making out joints & curing etc complete (G.S.I.No. 23 P-21)	1403.00 Cft	@Rs 15771	P% Cft	Rs 221267	/-
6	Cement plaster ½" thick upto 12'ft height in cement sand mortor (1:6) (G.S.I No. 11/C P/57)	6120 Sft	@Rs 2206.60	P% Sft	Rs 135044	/-
7	Pointing flush on stone work (raised) i/c cement sand mortar (1:3) (G.S.I No: 20 P/58)	1914.00 Sft	@Rs 1758.08	P% Sft	Rs 33650	/-
8	R.c.c work i/c all labor and material except the cost of steel; reinforcement and its labor for bending and binding which will be paid separately. This rates also i/c all kinds form modules lifting shuttering; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) RC work in roof slab beam coloums raft lintels and other structural members laid in situ or precast laid in position in all respect ratio (1 : 2 : 4) et (GSINO: 5 P/19)	56.50 Cft	@Rs 337	P: Cft	Rs 19041	/-
9	Fabrication of mild steel reinforcement for c.c i/c cutting bending laying in position making joints and fastening i.c cost of binding wire also i/c removal of rust from bars etc (GSINO: 7(ii) P-20)	2.27 Cwt	@Rs 5001.70	P: Cwt	Rs 11354	/-

10	Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2" x 2" 3/8" and 3/4 " sq: bars 4" centre to centre with locking arrangement (G.S.I No. 24 P/97)	60.00 Sft	@Rs 726.72	P: Sft	Rs 43603	/-
11	White Washing (Three Coats) G.S.I No. 25 P/59)	6120.00 Sft	@Rs 829.95	P% Sft	Rs 50793	/-
12	Colour Washing (Two Coats) (G.S.I.No. 25/C P-60)	6120.00 Sft	@Rs 859.90	P% Sft	Rs 52626	/-
				Total	Rs 1521258	/-

Amount Total (A)+(B)+(C)+(D)+(E)~~(F)~~ = Rs. 8077261 /-

_____ % Above / Below on the rates of CSR


Amount to be added / deducted
on the basis of premium
_____ Total (b) _____

(A)+(B)+(C)+(D)+(E)+(F)

Rs: _____

- 1 Any error provisio in description on item qty and unit will be governed by relevant schedule of rates and relevant analysis.
- 2 The decision of the Superintending Enginer will be install and binding an all the parties in any shape.
- 3 The rates should be inclusive of all taxes.
- 4 No Separate Caring will paid.
- 5 No Premium will be allowed on Non-Schedule Items.

CONTRACTORS


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING
DIVISION THATTA

PUBLIC HEALTH ENGG: DIVISION THATT A



STANDARD BIDDING DOCUMENTS PROCUREMENT OF WORKS (SPPRA BIDDING DOCUMENTS) For Contracts (Small) amounting between Rs.2.5 (M) to Rs.50 (M)

Name of Work:- CONSTRUCTION OF OPEN SURFACE DRAINS TYPE-I,II & III
I/C RCC NALA FOR URBAN DRAINAGE SCHEME DAROO
TOWN DISTRICT SUJAWAL. (FEDERAL PSDP 2014-15)

Reference N.I.T. No.PHE/TC/ 865 Dated 17-04-2015

Issued to M/s _____ Government Contractor

D.R. No. _____ Dated _____ Tender Fee Rs:2000/-

Date of Issue 20-04-2015 Date of Opening 06-05-2015

STANDARD BIDDING DOCUMENT IS INTENDED AS A MODEL FOR ADMEASUREMENTS (PERCENTAGE RATE FOR UNIT RATES IN A BILL OF QUANTITIES TYPES OF CONTRACT THE MAIN TEXT REFERS TO ADMEASUREMENTS CONTRACTS.


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG.DIVISION
THATTA

BIDDING DATA

- (This section should be filled in by the Office of the Executive Engineer Public
- Health Engg: Division, Thatta before issuance of the bidding documents).

(a)	Name of Procuring Agency:-	The Executive Engineer Public Health Engineering Division Thatta
(b)	Brief Description of Works:-	CONSTRUCTION OF OPEN SURFACE DRAINS TYPE-I,II & III I/C RCC NALA FOR URBAN DRAINAGE SCHEME DAROO TOWN DISTRICT SUJAWAL.(FEDERAL PSDP 2014-15)
(c)	Procuring Agency Address:-	The Executive Engineer Public Health Engg: Division Thatta Near Session Court & S.P office Thatta at Makli..
(d)	Estimated Cost:-	Rs: 9.500 Million
(e)	Amount of Bid Security:-	Rs:-1,90,000/-
(f)	Period of Bid Validity (Days):-	(30 Days)
(g)	Security Deposit (i/c Bid Security):-	(08 %)
(h)	Percentage, if any, to be deducted from bills -	(07.50% Income Tax Deduction & 08% Security Deposit)
(i)	Deadline for submission of Bids along with time:-	06-05-2015. 1:00 PM
(j)	Venue, Time, and Date of Bid Opening:-	Deputy Commissioner Sujawal on dated 6-05-2015.00 P:M
(k)	Time for completion from written order of Commence:-	02Months
(l)	Liquidity Damages:-	(01% On Estimated Cost)Per day subject to Minimum of 10%.
(m)	Deposit Receipt No. Date & Amount (in words and figure)	CD NO: _____ dated: _____ Amount Rs: _____ Bank _____ _____ M/s _____

BILL OF QUANTITY**(B) DESCRIPTION AND RATE OF ITEMS BASED ON COMPOSITE
SCHEDULE OF RATES****NAME OF WORK: CONSTRUCTION OF RCC NALA ~~2'-6" WIDE~~ FOR URBAN DRAINAGE TOWN DARRO DISTRICT
SUJAWAL**

Sr. No	Description of Item to be executed at Site	Quantity	Rate	Unit	Amount
<u>GROUP "A" RCC NALA 2'-6" WIDE</u>					
1	Excavation in foundation of building bridges and other structure i/c dag bolting dressing refilling around the structure with excavated earth watering and ramming lift upto 5ft and load upto one chain (in ordinary soil) (G.S.I.No: 18 P/4).	28800 Cft	@Rs 3176.25	P%0 Cft	Rs 91476 /-
2	Cement Concrete Brick Stone Ballast ½" to 2 gauge Ratio (1:4:8).	5400 Cft	@Rs 9416.28	P% Cft	Rs 508479 /-
3	R.C.C work i/c all labor and material except the cost of steel; reinforcement and its labor for bending and binding which will be paid separately. This rates also i/c all kinds form modules lifting shuttering; curing rendering and finishing the exposed surface i/c screening and washing of shingle (a) R.C.C work in roof slab beam coloums raft lintels and other structural members laid in situ or precast laid in position in all respect ratio (1 : 2 : 4) cement 2Sft send 4Cft shingle 1/4" to 1/8" gauge etc complete etc (G.S.I.NO: 6 P/18)	11548 Cft	@Rs 337.00	P: Cft	Rs 3891676 /-
4	Fabrication of mild steel reinforcement for c.c i/c cutting bending laying in position making joints and fastening i.c cost of binding wire also i/c removal of rust from bars etc (GSINO: 7 P-19)	463.98 Cwt	@Rs 5001.70	P: Cwt	Rs 2320689 /-
5	Precast reinforce Cement Concrete in Columns beams, Ratio (1:2:4).	124.32 Cft	@Rs 332.00	P: Cft	Rs 41274 /-
6	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 i/c remcval of rust from bars. (G.S.I.No: 7 P19).	4.44 Cwt	@Rs 5001.70	P: Cwt	Rs 22208 /-

7	Errrection and fixing in position precast cement concrete or stone slabs in roof luitels etc complete lift upto 20ft i/c all charges (G.S.I.No: 6 (c) P/19)	8.34 Cwt	@Rs 3884.96	P: Cwt	Rs 32401	/-	
8	50'ft additional port of land there off etc complete	21600 Cft	@Rs 4031.20	P% Cft	Rs 870739	/-	
					Total	Rs 7778941	/-

GROUP:"B" OPEN SURFACE DRAINS TYPE-I,II,III

1	Excavation in foundation of building and other structure i/c dig belling dressing refilling around the structure with excavated earth watering and ramming lift upto 5ft and lead upto one chain (In Ordinary Soil) (G.S.I.NO: 18 P/ 18)	4875.00 Cft	@Rs 3176.25	P%0 Cft	Rs 15484	/-
2	Cemen: concrete plan i/c placing compacting finishing and during complete / ic screening and washing of stone aggregate without shuttering etc complete (Ratio: 1:4:8) (G.S.I.No. P/)	722.00 Cft	@Rs 11288.75	P% Cft	Rs 81505	/-
3	Pucca Erick work in foundation and plinth in cement sand mortar (1:6) (G.S.S.I.NO: P/)	2475.00 Cft	@Rs 11948.36	P% Cft	Rs 295722	/-
4	Construction of Standard Open Type A.B.C Drains Cunette Block Cement Concrete (1:2:4) Cost in Situ in					
i.	TYPE-I	100.00 Rft	@Rs 94.00	P: Rft	Rs 9400	/-
ii.	TYPE-II	500.00 Rft	@Rs 174.00	P: Rft	Rs 87000	/-
iii.	TYPE-III	300.00 Rft	@Rs 309.00	P: Rft	Rs 92700	/-
5	Cement Plaster (1:4) ½" thick upto 20' height (GSINo.11 (b) P/57)	3218 Sft	@Rs 2283.93	P:% Sft	Rs 73497	/-
6	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 rates also i/c all kinds of forms modules lifting shuttering shuttering curing rendering and finishing the exposec surface i/c screening and washing of shingle (a) R.C.C work in roof slab beams columns rafts lintels and other structural member laid in situ or pre cast laid in position in all respect ratio (1:2:4) cement 2Sft send 4Cft shingle 1/4" to 1/8" gauge etc complete. (G.S.I.No: 6 P 18).	765.00 Cft	@Rs 337	P: Cft	Rs 257805	/-

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 i/c removal of rust from bars. (G.S.I.No: 7 P19). 30.73 Cwt @Rs 5001.70 P: Cwt Rs 153702 /-

Total Rs 1066815 /-

Amount Total (A)+(B) = Rs. 8845756 /-


_____ % Above / Below on the rates of CSR

Amount to be added / deducted
on the basis of premium
_____ Total (b) _____

(A)+(B) Rs: _____

- 1 Any error provisio in description on item qty and unit will be governed by relevant schedule of rates and relevant analysis.
- 2 The decision of the Superintending Engineer will be install and binding an all the parties in any shape.
- 3 The rates should be inclusive of all taxes.
- 4 No Separate Caring will paid.
- 5 No Premium will be allowed on Non-Schedule Items.

CONTRACTORS


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING
DIVISION THATTA

PUBLIC HEALTH ENGG: DIVISION THATTA

STANDARD BIDDING DOCUMENTS PROCUREMENT OF WORKS (SPPRA BIDDING DOCUMENTS) For Contracts (Small) amounting between Rs.2.5 (M) to Rs.50 (M)

Reference N.I.T. No.PHE/TC/ 865 Dated 17-04-2015

Name of Work:- SUPPLYING & INSTALLING PUMPING MACHINERY I/C
SUCTION & DELIVERY LINES AT WATER WORKS WATER
SUPPLY SCHEME SUJAWAL CITY. (FEDERAL PSDP-2014-15)

Issued to M/s _____ Government Contractor

D.R. No. _____ Dated _____ Tender Fee Rs:1000/-

Date of Issue 06-05-2015 Date of Opening 06-05-2015

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BIDDING DATA

(This section should be filled in by the Office of the Executive Engineer Public Health Engg: Division, Thatta before issuance of the bidding documents).

(a)	Name of Procuring Agency:-	The Executive Engineer Public Health Engineering Division Thatta
(b)	Brief Description of Works:-	SUPPLYING & INSTALLING PUMPING MACHINERY I/C SUCTION & DELIVERY LINES AT WATER WORKS WATER SUPPLY SCHEME SUJAWAL CITY (FEDERAL PSDP-2014-15)
(c)	Procuring Agency Address:-	The Executive Engineer Public Health Engg: Division Thatta Near Session Court & S.P office Thatta at Makli..
(d)	Estimated Cost:-	Rs: 1.128 Million
(e)	Amount of Bid Security:-	Rs:-22,560/-
(f)	Period of Bid Validity (Days):-	(30 Days)
(g)	Security Deposit (i/c Bid Security):-	(08 %)
(h)	Percentage, if any, to be deducted from bills:-	(07.50% Income Tax Deduction & 08% Security Deposit)
(i)	Deadline for submission of Bids along with time:-	06-05-2015 1:00 PM
(j)	Venue, Time, and Date of Bid Opening:-	Deputy Commissioner Sujawal on 06-05-2015 at 2.00 P:M
(k)	Time for completion from written order of Commence:-	02 Months
(l)	Liquidity Damages:-	(01% On Estimated Cost)Per day subject to Minimum of 10%.
(m)	Deposit Receipt No. Date & Amount (in words and figure)	CD NO: _____ dated: _____ Amount Rs: _____ Bank _____ _____ M/s _____


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
THATTA

**BILL OF QUANTITY
(B) DESCRIPTION AND RATE OF ITEMS BASED ON COMPOSITE
SCHEDULE OF RATES**

**NAME OF WORK: SUPPLYING & INSTALLING OF PUMPING MACHINERY AT WORKS FOR WATER SUPPLY
SCHEME SUJAWAL TOWN TALUKA SUJAWAL DISTRICT SUJAWAL**

Sl. No	Description of item to be executed at Site	Quantity	Rate	Unit	Amount
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GROUP: "A" PUMPING MACHINERY (15 BHP & 22 BHP)

15 BHP Electric Pumping Machinery (@ W/Works)

Supplying & installing in position i/c transportation

to site Water Supply Scheme Ward No.9,10,11

Sujawal Town Electric Pumping Set of 1450 RPM

(Siemens) 15 BHP Electric Phase 3 50 Cycles

500/200 volts non clogging KSB Pump type KSB 60-

20 Size 3'x2 1/2' mounted on common steel frame

or base plate capable of discharge 220 GPM against

the required head of 120'ft i/c installed on cement

concrete Rtaia 1:2:4 with M.5 nuts and bolts of

5/8" dia to be embedded made in cement concrete

foundation on providing and fixing MCO Automatic

delta starter (KSB Made) volts and main submission

center switch press in the wall (5"x4") providing

internal electric wiring for main switch 3.70 P.V.C

installed wire 500 volts grade 15 mm on the ground

at the depth of 7.20 m (12) as per Pak PWD

specification and testing pumping set against the

required head of 72 Hours etc complete (R.A

Attached)

2 sets @Rs

P: Set Rs

Sl. No	Description of item to be executed at Site	Quantity	Rate	Unit	Amount
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22 BHP Electric Pumping Machinery (w/works) 1.00 Set @Rs P: Set Rs
 Supplying & Installing in position i/c transportation to site Water Supply Scheme Ward No.9,10,11 Sujawal Town Electric Pumping Set of 1450 RPM (Siemens) 22 BHP Electric Phase 3.50 Cycles 500/200 volts non clogging KSB Pump type KW/PZ 100-250 Size 5'x4' mounted on common steel frame or base plate capable of discharge 450 GPM against the required head of 80'ft i/c installed on cement concrete Ratio 1:2:4 with M.S nuts and bolts of 5/8" dia to be embedded made in cement concrete foundation on providing and fixing MCCO Automatic center switch press in the wall (5'x4') providing internal electric wiring for main switch 3.70 P.V.C installed wire 500 volts grade 15 mm on the ground at the depth of 7.20 m (12) as per Pak PWD specification and testing pumping set against the required head of 72 Hours etc complete (R.A Attached)

3 M.S Pipe made out of M.S Sheet of 4.8 mm (3/16") bending folding to correct curvature as shape (R.A Approved)

i. Suction 6" dia pipe	60.00 Rft	@Rs	P: Rft	Rs
ii. Delivery 4" dia pipe	30.00 Rft	@Rs	P: Rft	Rs

4 Manufacturing Supplying M.S Flanges Pipe M.S Steel 3/4" thick (R.A Approved)

Sr. No	Description of item to be executed at Site	Quantity	Rate	Unit	Amount
i.	6" DIA	16.00 Nos	@Rs	Each	Rs
ii.	4" DIA	14.00 Nos	@Rs	Each	Rs
5	Supplying C.I Sluice Valve heavy pattern test pressure 21 Kg/sq cam or 300 lbs/inch. (P.H.S.I.NO: 2 P/9)	2.00 Nos	@Rs	Each	Rs
6	Supplying Reflex valve heavy pattern test pressure 21 Kg/Sq cum or 300 lbs/inch (P.H.S.I.NO: P/9)	3.00 Nos	@Rs	Each	Rs
7	Supplying C.I Bend with flanged end with holes i/c trimming etc complete (M.S.I.NO:2 P/10)	61.94 Kg	@Rs	P: Kg	Rs
8	C.I Tapered flat bottoms or central tapered flanged ends with holes i/c trimming and facing of flanged for all sizes (M.S.I.NO: P/)	86.84 Kg	@Rs	P: Kg	Rs
9	C.I Short Pieces (P.H.M.I.No: 9 P/15)	1.00 No	@Rs	Each	Rs
10	Laying C.I M.S pipe 5 & 5 (flanged) & special & flooring in trenches i/c cutting fitting & testing with water to specified pressure (P.H.E.S.I.No.: 1 P-54)				
i.	6" DIA	68.00 Rft	@Rs	P: Rft	Rs
ii.	4" DIA	31.00 Rft	@Rs	P: Rft	Rs

Sr. No	Description of item to be executed at Site	Quantity	Rate	Unit	Amount
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Joining C.I M.S Flanged Pipes and Specials flanged and inside a trenches /c supplying rubber rings and 11 testing washer etc and other tools required for joining and testing joints pressure etc complete (P.H.S.I.NO:1 P/27)

i. 6" DIA 12.00 Joint @Rs P: Joint Rs
 5

ii. 4" DIA 20.00 Joint @Rs P: Joint Rs
 5

12 Cutting holes 4" x 6" In stone masonry brick wall 2.00 Nos @Rs Each Rs
 repairing masonry within (G.S.I.NO: 72 P/113)

Total Rs

Amount Total (A) = Rs.

Rs: _____ Rate of CSR Quoted by Contractor

Total (A) _____

- 1 Any error provisio in description on item qty and unit will be governed by relevant schedule of rates and relevant analysis.
- 2 The decision of the Superintending Engineer will be install and binding an all the parties in any shape.
- 3 The rates should be inclusive of all taxes.
- 4 No Separate Caring will paid.
- 5 No Premium will be allowed on Non-Schedule Items.

CONTRACTORS


 EXECUTIVE ENGINEER
 PUBLIC HEALTH ENGINEERING
 DIVISION THATTI