S.NO. 01 BIDDING DOCUMIENT

1

STANDARD BIDDING DOCUMENT FOR PROCUREMENT OF WORKS

(For Contracts Costing upto Rs. 2.500 to 50.00 Million)

Name of Work	Construction of Office Building Town Committee Kandhra.
NIT No.	TC/ 113 / 2015 dated: 19.05.2015
Tender issued Mr./M/s	
D/R No.	
CD# & DT:	

Standard Bidding Documents is intended as a model for admeasurements (Percentage Rate/Unit price for unit rates in a Bill of Quantities types of Contract. The main text refers to admeasurements contract.

INVITATION OF BIDS

Date:- 19-05-2015 bid reference No. TC/Kandhra/113/2015

- 1 The Procuring Agency, **Town Committee Kandhra**, **District Sukkur**, invites sealed bids from intersted firms or persons licensed by the Pakistan Engineering Council in the appropriate category with the Procuring Agency for the works, **Construction of Office Building Town Committee Kandhra**, which will be completed 12 Months
- 2 A complete set of Bidding Documents may be purchased by an intersted eligible bidder on submission of a written application to the office given belown and upon payment of a non- refundable fee of Rupees. **3,000/-**. Bidders may acquire the Bidding Documents from the Office of the Procuring Agency, at T.CKandhra@gmail.com.
- ³ All bids must be accompanied by a Bid Security in the amount of Rs. 2,40,000/-, (Rupees Two Lac Fourty Thousand Only), or 2% ercentage of bid price in the form of (pay order / Demand Draft/Call Deposit/Bank Deposit) and must be deleivered to Administrator, Town Committee Kandhra, Sukkur, at or before 2:00 PM on 08-06-2015. Bid will be opened at 3:00 PM on the same day in the presence of bidders' representatives who choose to attend, at the same address.

Note:- The Bid shall be opened within one hours after the dead lines for submission of bid.

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 Engineer Town Committee Kandhra. (Insert name of the Procuring Agency)

Brief Description of Works	Construction Kandhra.	of	Office	Building	Town	Committee

5.1 (a) Procuring Agency's address Engineer Town Committee Kandhra.

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

(b) Engineer's address:

Town Committee Kandhra.

(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-----Million);

ii. Technical capacity: (mention the appropriate category of registration with PEC and qualification and experier ce of the staff);

ili. Construction Capacity: (mention the names and number of equipments required for the work). Sindh Public Procurement Regulatory Authority | 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

(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 (44) Days

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

14.4 Number of Copies of the Bid to be submitted:

One original plus _____ copies.

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

Engineer Town Committee Kandhra.

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

15.1 Deadline for Submission of Bids

Time: 2:00 PM on 08.06.2015

16.1 Venue, Time, and Date of Bid Opening

Venue: Engineer Town Committee Kandhra.

Time: 3:00 PM on 08.06.2015

16.4 Responsiveness of Bids

(i) Bid is valid till required period, Sindh Public Procurement Regulatory Authority | 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

(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.

FORM OF BID (LETTER OF OFFER)

Bid Reference No. TC/113 / 2015 dated 19.05.2015

Name of Work:

Construction of Office Building Town Committee Kandhra.

To:

The Engineer, Town Committee Kandhra, District Sukkur.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. **Attached** for the execution of the above-named works, we the undersigned, being a company doing business under the name of and address Mr. M/s _______and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs. ______) or such other

sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.

4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of _____ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our Bid is accepted, to execute the Performance Security Sindh Public Procurement Regulatory Authority | www.pprasindh.gov.pk 21 referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.

9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated: 08.06.2015

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Signature:
in the capacity of bidder duly authorized to sign bid for and on behalf of
Mr. / M/s:
(Name of Bidder in Block Capitals)
(Seal)
Address
Witness:
Signature:
Name:
Address:

SCHEDULE - B

Name of Work

> Detailed Working Estimate For Construction of Office Building of Town Committee Kandhra.

S#	Discription	Qty	Rate	Unir	Amount
1	Excavation in foundation of building bridges and other structures i/c bailing, dressing, filling around the structure with excavated earth, watering, ramming Lead up to one chain & lift up to 5.0' (CSI No:18 P4)	23411.25	3176.25	P-%0 Cft	74360
2	Dry rammed brick or stone ballast 1-1/2 to 2" guage (SCI No. 02 P.No. 15)	5036.75	3327.50	P-% Cft	167598
3	Cement Concrete bricks or stone ballast 1 1/2" to 2" gauge ratio 1:4:8 (CSI No:4 P16)	3734.25	9416.28	P-% Cft	351627
4	Rendum rubble masonary in cement send morter ration 1:6 (C.S.I No. 01 page No. 29)	5 6 00.38	18535.08	P.% cft	1038034
5	Coursed rubble masonary in cement send morter ration 1:6 (C.S.I No. 01 page No. 29)	6135.75	26288.46	P.% cft	1612994
6	RCC work in roof slabs beams columns rafts lintels and other structural members laid in situ are precast laid in position etc complete in all respects ratio 1:2:4 {cement, sand, shingle 1/8" to 1/4"} (CSI P-18)	7245.67	337.00	P.Cft	2441792
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 of rust from bars (CSI NO.7 (a) P-19)	355.81	4820.20	P.Cwt	1715096
8	Pacca Brick work in foundation and plinth in cement sand morter ratio 1 : 6 (C.S.I No. 0 P.No. 25	30.00	12501.41	P.%Cft	3750.00
9	Pacca Brick work in ground floor in cement sand morter ratio 1:6 (C.S.I No. 05 page No. 25	5716.19	12674.36	P.%Cft	724490
10	Cement plaster 1:4 upto 12' height 1/2" thick (CSI No:11 P-57)	5716.19	2283.93	P.%Cft	130554
11	Cement plaster 1:4 upto 12' height 3/8" thick (CSI No:1: P-57)	5716.19	2197.52	P.%Sft	125614
12	Supplying & fixing in position iron/steel grill of 3/4" x 1/4" size flat iron of approved design including painting 3 coars etc. complete (weight not to be less than 3.7 Lbs./Sq. Foot of finished grill).	279.30	180.50	P. Sft	50414

13 Providing and fixing G.I frames /Choukhats of size 7" x 2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet 666.00 240.50 P. Rf 14 Providing and fixing at site with necessary hold fasts. filling with cement sand slurry of ratio 1.6 and repairing the jambs. The cost also i/c all carriage , tools and plants used in making and fixing. 666.00 240.50 P. Rf 14 Prov.ding and fixing G.I frames /Choukhats of size 7" x 2" or 4 1/2" x 3" for door using 20 gauge G.I sheet 1/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1.6 and repairing the jambs. The cost also i/c all carriage , tools and plants used in making and fixing. 340.00 228.90 P. Rf 15 Fist class decdar wood wrought, joinery in doors and wind ows etc, fixxed in position including chowkats hold fasts hinges, iron tower bolts, chocks cleats, handles and cords with hooks, etc. (b) 1 3/4" thick. 747.30 1273.76 P. Sf 16 Filling watering ramming in floor surplus earth from foundation lead upto one chain and lift upto 5 ft: (CSI No.21 P-5) 3372.25 1512.50 P.%0 17 Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" /6" x 4" in dado skirting and facing removal /tucking of existing plaster surface etc. Over 1/2" thick base of ccment morter 1.3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, currit finishing, clean ing and ploishing etc. complete. (C.S.I No. 68 P. 48) 18 18. Split tiles	. F					
2" or 4 1/2" x 3" for door using 20 gauge G. I sheet 1/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage , tools and plants used in making and fixing. 15 Fist class deodar wood wrought, joinery in doors and windows etc, fixxed in position including chowkats hold fasts hinges, iron tower bolts, chocks cleats, handles and cords with hooks, etc. (b) 1 3/4" thick. 16 Filling watering ramming in floor surplus earth from foundation lead upto one chain and lift upto 5 ft: (CSI No.21 P-5) 17 Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" /6" x 4" in dado skirting and fixing of tiles in slurry of white cement over mortar 1:3 setting of tiles in slurry of white cement over mortar 1:3 setting of tiles in slurry, currint finishing, cleaning and ploishing etc. complete. (C.S.I No. 68 P. 48) 18 18. Split tiles 1/4" thick matt glazed or dounle glazed jointed in white cement and laid over 1:2 grey cement and noror 3/4" thick i/c finishing complete (Flooring and Facing) (CSI No:69-P-55) 19 </td <td></td> <td>2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet I/c welded hinges and fixing at site with necessary hold fasts. filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing.</td> <td>666.00</td> <td>240.50</td> <td>P. Rft</td> <td>160173</td>		2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet I/c welded hinges and fixing at site with necessary hold fasts. filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing.	666.00	240.50	P. Rft	160173
windows etc, fixxed in position including chowkats hold fasts hinges, iron tower bolts, chocks cleats, handles and cords with hooks, etc. (b) 1 3/4" thick.747.301273.76P. Sfi16Filling watering ramming in floor surplus earth from founclation lead upto one chain and lift upto 5 ft: (CSI No.21 P-5)3372.251512.50P.%017Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" /6" x 4" in dado skirting anf facing removal /tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar to base including filling the joints and washing the tiles with white cement slurry , currint finishing, cleaning and ploishing etc. complete. (C.S.I No. 68 P. 48)1818. Split tiles 1/4" thick matt glazed or dounle glazed jointed in white cement and laid over 1:2 grey cement 		2" or 4 1/2" x 3" for door using 20 gauge G.I sheet I/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing.	340.00	228.90	P. Rft	77826
foundation lead upto one chain and lift upto 5 ft: (CSI No.21 P-5)3372.251512.50P.%017Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" /6" x 4" in dado skirting anf facing removal /tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry , currint finishing, cleaning and ploishing etc. complete. (C.S.I No. 68 P. 48)1818. Split tiles 1/4" thick matt glazed or dounle glazed jointed in white cement and laid over 1:2 grey cement and mortor 3/4" thick i/c finishing complete (Flooring and Facing) (CSI No:69-P-55)21021.11P.%st19Single layer of tile 9"x 4-1/2"X2" laid over 4" earth 1" 		windows etc, fixxed in position including chowkats hold fasts hinges, iron tower bolts, chocks cleats, handles and cords with hooks, etc. (b) 1 3/4" thick.	747.30	1273.76	P. Sft	951880.85
quality and colour and shade size 8" x 4" /6" x 4" in dado skirting anf facing removal /tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry , currint finishing, cleaning and ploishing etc. complete. (C.S.I No. 68 P. 	16	foundation lead upto one chain and lift upto 5 ft: (CSI	3372.25	1512.50	P.%0 Cft	5100.52
jointed in white cement and laid over 1:2 grey cement and mortor 3/4" thick i/c finishing complete (Flooring and Facing) (CSI No:69-P-55) 19 Single layer of tile 9"x 4-1/2"X2" laid over 4" earth 1" mud plaster with our bhoosa grouted wiyh cement sand 1 : 3 on top of R.C.C slab provide with 34 Lbs, bitument coating sand blinded. (C.S.I No. 05 P.No. 33)	17	quality and colour and shade size 8" x 4" /6" x 4" in dado skirting anf facing removal /tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, currint finishing, cleaning and ploishing etc. complete. (C.S.I No. 68 P.	150.00	186.04	P. Sft	27906
mud plaster with our bhoosa grouted wiyh cement sand 1 : 3 on top of R.C.C slab provide with 34 Lbs, bitument coating sand blinded. (C.S.I No. 05 P.No. 33)		jointed in white cement and laid over 1:2 grey cement and mortor 3/4" thick i/c finishing complete (Flooring	1826.00	21021.11	P.%sft	383845.47
	19	mud plaster with our bhoosa grouted wiyh cement sand 1:3 on top of R.C.C slab provide with 34 Lbs, bitument	6245.50	5310.35	P.% Sft	331657.91
20 Khuras on roof 2'x2'x6" (C.S.I No. 18 P.No. 41) 8.00 358.68 P.No.	20	Khuras on roof 2'x2'x6" (C.S.I No. 18 P.No. 41)	8.00	358.68	P.Nos	2869
21(a) Preparing new surface and painting of doors & window any type i/c edge (CSI.NO.5 P-76) Two coats747.30862.95 P.% S(Pinting New Surface)	21	(a) Preparing new surface and painting of doors & window any type i/c edge (CSI.NO.5 P-76) Two coats (Pinting New Surface)	747.30			6448.83
22 Priming coat of chalk distemper. (CSI NO:23 P-59) 5716.19 442.75 P.% S			5716.19	442.75	P.% Sft	25308.42
23 Distempering (Three Coats) (CSI NO:24 P-59) 5716.19 1079.65 P.% S	23	Distempering (Three Coats) (CSI NO:24 P-59)	5716.19	1079.65	P.% Sft	61714.818

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		Total A	mount:-	. 110	71453
33	Painting guard bars gates iron bar gratings railing i/c standard braces etc, and similar open work . (CSI No.05 (d) F-06)	84.00	3884.96	P-%Sft	3263.37
32	Errection and fitting in position of iron trusses staging of water tanks etc. (CSI No.03 P-96)	3.19	271.04	P-Cwt	863.94
31	Small iron work such as gusset plate knees bands strups, rings etc i/c cutting drilling reverting, handling, essambling, and fixing but excluding errection in position. (CSI No.01 P-96)	3.19	6420.61	P-Cwt	20465.694
30	Errection & removal of centering for RCC or plain cement concrete work of pertil wood. (CSI No.18(b) P- 21) (a) Horizantal.	50.00	7693.13	P.%Sft	3846.5
29	Cement Concrete bricks or stone ballast 1 1/2" to 2" gauge ratio 1:4:8 (CSI No:4 P16)	634.34	9416.28	P-% Cft	59731.31
28	C.C Plain i/c placing, compacting & curring complete (i/c screining & washing of stone agreegade without shuttering). (CSI No.05 P-18) Ratio 1::2:4	480.56	14429.25	P.%Cft	69341.38
27	Dressing & leveling of earth work to design section etc, complete (b) ordinary or hard soil . (CSI No.03 (b0 P- 03)	6744.49	187.55	P.%0Sft	1264.9
26	Barrow pit excavation undressed lead upto 100 ft. (b) In ordinary soil with two mile extra lead. (CSI No.03 P-01) 3 Mile Lead	6744.49	6771.00	P.%0Cft	45666.94
25	25. Providing & Laying Halla pattern tiles glazed 8" x 8" x 1/4 of floor of walls facing required patern stile specification jointed in white cement and pigment over a bazes 1:2 gray cement mortor 3/4 thick i/c washing & filling of joints with sullury of white cement & pigment in desire shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile. (CSI NO:62 P-48)	330.00	3 452 0.31	P.%Sft	113917.0
24	24. Laying white maarble flooring fine dressed in the surface without winging sate in lie motor 1:2 i/c rubbing and polishing of the jointing. (CSI NO:28 P-43)	497.00	567.48	P.Sft	282037.5

S# Description Qty Rate Unit Amount

1	Providing fixing squating type white glazed of flushe cisten with internal fitting & flush pipe with ben and making requesite number of holes in wall plinth & floor for pipe connection and making good in cement cocrete 1:2:4 W.C not less than 19" clear operning between flushing rims and 3 gallons flushing tank with 4" dia C.I trap with C.I thumble. S.I No. 01 (b) i P.No. 01)	5	5044	Each	2522
2	Previding & fixing 24 x 18" lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I or C.I cantilever brakets 6" built into wall painted white in two cost after a primary coat of red lead paint a pair of 1/2 dia rubber plug & chrome plate brass chain 1-1/4" dia malloable iron or C.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4 (standard pattern) (C.S.I No. 08 P. No. 03)	5	4253.70	Each	21268
3	Add: extra labour for providing and fixing of earthen wire padestle white or colored glass standered pattern (S.I No. 09 P. No. 03)	1	938.47	Each	938.4

4	Providing 6" x 2" or 6" x 3" C.I	5	2042.43	Ro al	
	floor trap of the approved selt cleaning design with a C.I scrrewed down gratting with or without a vent arm complete with & i/c making requisite number of holes in walls, plinth & floor for pipe connections and making good cement concrete 1:2:4 (S.No. 20 P-06)		2042.43	Each	10212.15
5	Providing and fixing 6" x 2" C.C gully trap with 4" dia out let complete with 4" thick 1:2:4 C.C for bec and 1/2" thick cement plaster 1:3" to the karb C.I caning 6" x 6" anc C.I cover and frame 12" x 12" in side etc complete (S.No. 01 (a) (i) P.No. 21)	5	1220.67	Each	6103.35
6	Providing & fixing 3" dia C.I plain ben of the required degree i/c extra painting to match the color of the building (S.I No. 22 P.No. 11)	5	495.6	Each	2478
7	Providing & Fixing 4" dia C.I plain ben of the required degree i/c extra painting to match the color of the building. (S.I.No. 10 P.No. 10)	5	566.7	Each	2833.5
8	Providing R.C.C pipe with colars slass "B" and digging the trenches to required depth & fixing inposition i/c cutting, fitting & jointing with maxphalt composition & cement mortor 1: 1 and testing with water pressure jto head of 4 feet a bove the top of the heghest pipe & refilling with excavated staff.	5			
	6" dia	30	199.25	P.Rft	5977.5
	9" dia	30	250.6	P.Rft	7518

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. 9	Providing G.I pipe, specials and clamps etc, i/c fixing cutting & fitting complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning pipe etc, with white zinc paint with pigment to match the color of the building and testing with water to a prissure head of 200 feet and handling				
	I 1/2" dia	<u> </u>			
	ii 3/4" dia	100	73.21	P.Rft	7321
	iii 1" dia	200	95.79	P.Rft	19158
	iv 1 1/4" dia	100	128.55	P.Rft	12855
	v 4" día	50	153.19	P.Rft	7659.5
10	S / F long bib cock of crystal head	36	896.17	P.Rft	32262.12
	(b) P.No. 16)	2	337.92	Each	675.84
11	S / F in cancealed stop cock of		·		1 1
12	dia (S.I.No. 11 (b) P.No. 18)	3	509.74	Each	1529.22
	P / F in position nyloon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nyloon connection (S.I.No. 23 P.No. 6)	3	447.15	Each	1341.45

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13	Construction manhole or inspection	$\overline{1}$	14748	- <u> </u>	<u> </u>
	Chamber for the required dia of	1 -	14/48	Each	14748
	Cliccular sewer and 3'-6" (1067 mm)				
	depth with walls of BB in cement				
	motor 1:3 cement plaster 1:3 1/2				1
	thick inside of wall and channel i/c				
	fixsing C.I manhole cover with frame				
	of clear opening 1-1/2" x 11/2"				1
	(45x457 mm) of 1.75 Cwt (88.9kg)				
	embedded in plain C.C 1:2:4 and				
	fixing 1" (25 mm) dia M.S steps 6'				1
	(150 mm) weide projections 4 (100				
	(150 mm) waide projecting 4 (102 mm)				1
	from the face of wall at 12" (305 mm)				
	C.C dully painted etc, complete as				
	per specification and drawing No.				
	D.P/I of public health circle				
	southern zone.				
14	P/F in position fiber glass tank with	1			<u> </u>
	approved design and wall thickness as				
	specified i/c cost of nuts polts and			1]
	fixing in plate form of C.C 1;3:6 and				
	making connections for inlate out				
i	late and over flow inlate out flow				1
	pipes etc, S.I.No. 03 P.No. 18				
	B 350 Gallong	1	30773.42	Each	30773.42
15	P/F handle valves (china) , S.No. 05			Басп	30773.42
	P-1")				
	B 350 Gallong				
· · ·	(i) 1/2" Dia				
├ ──	(ii) 3/4" Dia	1	200.42	Each	200.42
├	(iii)1" Dia	11	271.92	Each	271.92
┝┈──		1	365.42	Each	365.42
				Total:-	226459
	Part-C Schedule Items 2012				
1	Wiring for light or fan point with	10	1130	Per	44222
	3/.029) PVC insulated wire in 20mm	±V	-100		11300
	(3/4") PVC conduct reessed in the			Point	
	wallor as required. (S.No. 124 P. 15)				
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2	Wiring for plug pionts with 3/.029	<u> </u>			
	PVC insulated wire in 20mm (3/4")	5	985	Per	4925
	PVC, conduit recessed in th the wall			Point	
	or as required. (S. No. 126 P. 15)				[
				1	[
3	Wiging for call bell point with	2	1764	Per	
	37.029 PVC insulated wire in 20mm			Point	3528
	(3/4") PVC recessed in the wall or			roine	
	column as required (S.No. 126 P. 15)				
4	I Providina de la companya de				
4	Providing & laying (Main or Sub Main)	100	222	Per	22200
ĺ.	PVC insulated with size 2-7/0.29			Meter	
	copper conductor in 3/4" Dia PVC				
	conduit recessed in the wall or		[
	column as required. (S.No. 10 P. 02)		1		ľ
				1	
5	Providing & laying (Main or Sub Main)				
1	PVC insulated with size 2-7/0.36	50	252	Per	12600
	for insufaced with size 2-7/0.36			Meter	
	copper conductor in 3/4" Dia PVC				
	conduit recessed in the wall or			1	1
	column as required. (S.No. 11 P. 02)			1 1	
					1
6	Providing & laying (Main or Sub Main)	20	341		
	PVC insulated with size 2-7/.044	20	541	Per	6820
	(6mm2) copper conductor in 3/4" Dia			Meter	
	PVC conduit recessed in the wall or				
	Colump as required (S No. 12 p. 02)				
	column as required. (S.No. 12 P. 02)			1	
7	Providing & laying (Main or Sub Main)	50	742	Per	37100
1	PVC insulated with PVC sheeted with		, 12	Meter	3/100
	04 Core copper conductor 300/500			Meter	
	volts size 10mm2. (S.No. 101 P. 12)				
<u> </u>					1
8	Providing & laying (Main or Sub Main)	20	1300	Per	26000
	PVC insulated & PVC sheeted with 04			Meter	
	Core copper conductor 600/1000 volts				
	size 16mm2. (S.No. 102 P. 12)				
1					
9	Providing & fixing circuit breaker	- 1	016		
[⁻	6,10,15,20,30,401,50, and 63amp SP	Ŧ	916	Each	916
	(TB-5S) on prepared board as required				
1	(S.No. 202 P. 30)				
	(201.00 202 1. 50)		1		
L			ŀ		

3 .7 P h .8 P: .5 .9 Pi	roviding & fixing brass battern older (S.No. 232 P. 33) roviding & fixing brass ceiling fan 6" (good Quality) (S.No. 235 P. 34) roviding & fixing brass brecket fan 8" (good Quality) (S.No. 236 P. 34)	5 1 2	70 3185 2791	Per No. Per No. Per No.	350 3185 5582 176559
3 .7 P h .8 P: .5 .9 Pi	older (S.No. 232 P. 33) roviding & fixing brass ceiling fan 6" (good Quality) (S.No. 235 P. 34) roviding & fixing brass brocket fan	1	3185	No. Per No. Per	3185
3 .7 P h 8 P: 5	older (S.No. 232 P. 33) roviding & fixing brass ceiling fan 6" (good Quality) (S.No. 235 P. 34)		_	No. Per	
7 P h 8 P	older (S.No. 232 P. 33) roviding & fixing brass ceiling for		_	No.	
3 7 P	roviding & fixing brass battern older (S.No. 232 P. 33)	5	70		350
3				1	1
6 0	Providing & fixing back light ceiling ose with two terminals (S.No. 228 P. 3)	2	72	Per No.	144
s	Providing & fixing one way SP 5amp switch fush (S.No. 219 P. 33)	5	54	Per No.	270
F	Providing & fixing three pin 10/15amp olug & Socket flush type (S.No. 222 2. 33)	3	162	Per No.	486
	Providing & fixing two pin 5amp plug & flush type (S.No. 225 P. 33)	10	83	Per No.	830
1	Providing & Fixing circuit breaker 125,150,200 & 225amp TP (XS-225NS)on prepared board as required. (S.No. 202 P. 30) Providing & fiving to	1	25541	Per No.	25541
	Providing & Fixing circuit breaker 15,20,30,40,50,60,75 & 100amp TP (XE- 100NS) on prepared board as required. (S.No. 207 P. 31)	1	9261	Per No.	9261

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Add: Difference Cost 41.24 @ 3267 P.Ton Total Amount

Rs. Rs.

525198.00

Contractor

N مسيلين Engineer

Town Committee Kandhra District Sukkur

CONTRACT DATA

(Note: Except where otherwise indicated, all Contract Data should be filled in by the Procuring

Sub-Clauses of

Conditions of Contract 1.1.3 Procuring Agency's Drawings, if any (To be listed by the Procuring Agency)

1.1.4 The Procuring Agency mear Engineer Town Committee Kandhra.

1.1.5 The Contractor means

1.1.7 Commencement Date means the date of issue of Engineer's Notice to Commence which shall be issued within fourteen (14) days of the signing of the Contract Agreement.

1.1 9 Time for Completic 12 Months

(The time for completion of the whole of the Works should be assessed by the Procuring Agency)

1.1.20 Engineer (mention the name along with the designation including whether he belongs to department or consultant) and other details.

Engr: Niaz Ahmed Shaikh belongs to department.

1.3 Documents forming the Contract listed in the order of priority:

- (a) The Contract Agreement
- (b) Letter of Acceptance
- (c) The completed Form of Bid
- (d) Contract Data
- (e) Conditions of Contract
- (f) The completed Schedules to Bid including Schedule of Prices
- (g) The Drawings, if any
- (h) The Specifications

(i) _____ ()

(The Procuring Agency may add, in order of priority, such other documents as

form part of the Contract. Delete the document, if not applicable)



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Standard Bidding Documents is intended as a model for ad measurements (Percentage Rate/Unit price for unit rates in a Bill of Quantities types of Contract. The main text refers to admeasurements contract.

D/R No.

CD# & DT:

INVITATION OF BIDS

Date:- 19-05-2015 bid reference No. TC/Kandhra/113/2015

- 1 The Procuring Agency, Town Committee Kandhra, District Sukkur, invites sealed bids from intersted firms or persons licensed by the Pakistan Engineering Council in the appropriate category with the Procuring Agency for the works, Providing & Fixing PE Pipes 6" Dia, 4" Dia & 3" Dia i/c 20 HP Motor for Water Supply Scheme Tando Ali Abad Town Kandhra, which will be completed 12 Months
- 2 A complete set of Bidding Documents may be purchased by an intersted eligible bidder on submission of a written application to the office given belown and upon payment of a non- refundable fee of Rupees. **3,000/**-. Bidders may acquire the Bidding Documents from the Office of the Procuring Agency, at T.CKandhra@gmail.com.
- 3 All bids must be accompanied by a Bid Security in the amount of Rs. 80,000/-, (Rupees Eighty Thousand Only), or 2% ercentage of bid price in the form of (pay order / Demand Draft/Call Deposit/Bank Deposit) and must be deleivered to Administrator, Town Committee Kandhra, District Sukkur, at or before 2:00 PM on 08-06-2015. Bid will be opened at 3:00 PM on the same day in the presence of bidders' representatives who choose to attend, at the same address.

Note:- The Bid shall be opened within one hours after the dead lines for submission of bid.

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 Engineer Town Committee Kandhra. (Insert name of the Procuring Agency)

Brief Description of Works Providing & Fixing PE Pipe 6" Dia, 4" Dia & 3" Dia i/c 20 HP Motor for Water Supply Scheme Tando Ali Abad Town Kandhra.

5.1 (a) Procuring Agency's address Engineer Town Committee Kandhra. (Insert address of the Procuring Agency with telex/fax)

(b) Engineer's address:

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

10.3 Bic 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----Million);

ii. Technical capacity: (mention 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

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

(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 (44) Fourty Four Days

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

14.4 Number of Copies of the Bid to be submitted:

One original plus _____ copies.

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

Engineer Town Committee Kandhra.

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

15.1 Deadline for Submission of Bids

Time: 2:00 PM on 08.06.2015

16.1 Venue, Time, and Date of Bid Opening

Venue: Engineer Town Committee Kandhra.

Time: 3:00 PM on 08.06.2015

16.4 Responsiveness of Bids

(i) Bid is valid till required period, Sindh Public Procurement Regulatory Authority | www.pprasindh.gov.pk.

*(ii) Bic 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

(vi) Bids are generally in order, etc.

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*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.

FORM OF BID

Bid Reference No. TC/113 / 2015 dated 19.05.2015

Name of Work: Providing & Fixing PE Pipe 6" Dia, 4" Dia & 3" Dia i/c 20 HP Motor for Water Supply Scheme Tando Ali Abad Town Kandhra.

To:

The Engineer, Town Committee Kandhra, District Sukkur.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. **Attached** for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address Mr. M/s _______and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs. (Rupees______) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.

4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of _____ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our Bid is accepted, to execute the Performance Security Sindh Public Procurement Regulatory Authority | www.pprasindh.gov.pk 21 referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.

9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated: 08.06.2015

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in the capacity of bidder duly authorized to sign bid for and on behalf of
Mr. / M/s:
(Name of Bidder in Block Capitals)
(Seal)
Address
Witness:
Signature:
Narne:
Address:

SCHEDULE"B"

Name of Work:-

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Providing & Fixing PE Pipe 6" Dia, 4" Dia & 3" Dia i/c 20 HP Motor for Water Supply Scheme Tando Ali Abad Town Kandhra.

	Description	Qty	Rate	Unit	Amount
1	Excavation for pipe line in trenches and	82050	3600	P%0Cft	295380
	pits in 50ft soils including trimming and				
1	dressing sides to true alignment and shape				
	leveling of beds of trenches to correct level and grade, cutting jointing holes and				ĺ
	disposal of sun plus earth within a one				
1	chain as directed by Engineer incharge]
	providing fence guard, lights, flags and				
	temporary crossings for non vehicular				
	traffic where ever required light upto 5ft				
	(1.52m) and lead upto one chain (30.50m) (PHSI No: 1, P-46)				
	Providing laying & fixing PE Pipe PVC pipe of class "D"	<u> </u>			
_	(equivalent make) fixing in trenches including cutting fitting and			ļ	
2	jointing with "Z" joint with one rubber ring including testing.				
	6" Dia	4300.00	568.00	P.Rft	2442 4 00
	4" Dia	1545.00	224.00	P.Rft	346080
	3" Dia	1500.00	109.00	P.Rft	163500
•	Cast Iron specials for U PVC / AC pressure pipes cast iron specials for PVC /AC pressure pipes (standard weight for ACIL				
3	"B" class)Sch of Material Item No. 01 P.13				
<u> </u>	Elbow 90" 6" Dia	2	4416	Engh	0000
				·	8832
		2	1655		3310
	Elbow 90" 3" Dia	2		Each	1558
	Elbow 45" 6" Dia	2		Each	7066
	Elbow 45" 4" Dia	2		Each	3412
	Elbow 45" 3" Dia	2	623	Each	1246
	TEE Equal 6" Dia	2	5299	Each	10598
	TEE Equal 4" Dia	2	1986	Each	3972
	TEE Equal 3" Dia	2	935	Each	1870
	TEE Unequal 3" Dia	1	3003	Each	3003
	TEE Unequal 3" Dia	1		Each	3003
	TEE Unequal 3" Dia	1		Each	4564
	CI Short Peace 6" Dia	2		Each	1238
	CI Short Peace 4" Dia	2		Each	975
	CI Short Peace 3" Dia	2		Each	750
	CI Reducer 6x4" Dia	2		Each	1788
	CI Reducer 4x3" Dia	2		Each	1788
	CI Reducer 3x4" Dia	2		Each	1138
	CI Jabbar Joint 6" Dia	3		Each	3188
1	CI Jabbar Joint 4" Dia	3		Each	2194
	CI Jabbar Joint 3" Dia	3		Each	1706
	Dead End 6" Dia	ر ۱		Each	4369

Dead End 4" Dia	1	2072	Each	2072
Dead End 3" Dia	1		Each	1616
4 Ci Sluice Valve heavy pattern (Test pressure 21.0 kg/s.q com or 300 lb /sq inch) (imported) C.S.I No. 2 (a) P.No.11)			<u> </u>	
CI Siliuce Valve 6" Dia	1	9360	Each	9360
CI Siliuce Valve 4" Dia	1	5460	Each	5460
CI Siliuce Valve 3" Dia	1	4290	Each	4290
Jointing CI/MS flanged pipes and specials flanged and inside a trench i/c supplying rubber packing of the required thickness nuts, bolts with washers etc and other tools required for jointing and testing the joints to the specified pressure etc complete PHSI No.				
Jointing 6" Dia	2		Each	1876
Jointing 4" Dia	2		Each	1026
Jointing 3" Dia	2	499	Each	998
 Making joints to C.l specials fitting (i/c laying) of the required diameter and testing the joints along with the fiber cement pressure pipes lines to the specified pressure and making good to all leaky joints etc. Complete PHSI No. 1 P.No.80) 				
Jointing 6" Dia	10	1000	Each	10000
Jointing 4" Dia	10	1000	Each	10000
Jointing 3" Dia	10	600	Each	6000
Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete (PHI No. 24 P-77)	73845	2760	₽%Cft	203812
 Providing chamber 3'x2'(915x615 mm) inside diamension 4 1/2' (1372 mm) deep as per approved design for shuice value 3" to 12" dia with 18" (457 mm) dia inside cost iron coverr and frame (wt=1 cwt 3qr) fixed in RCC 1:2:4 (102 mm) thick (with 5 lbs steel per cft) 9" (299 mm) thick brick masonary wall set in 1:6 cement mortar 6" thick cement concrete 1:3:6 infoundation 1" (25 mm) thick cement concrete 1:2:4 flooring 1/2" (12.5 mm) thick cement plaster 1:3 to all inside wall surface and to top i/c providing and fixing M.S foot rest at every one foot beyond 2 1/2 fl depth curing excavation back filling and disposal of surplus earth etc complete. PHSI No. 01 P.No. 49) 	3	18820	Each	56460
Amount TOTAL				3631898

Premium quoted ----- % above/below Cartage Non Schedule Item Amount Total Amount Rs. 36386 Rs. 332000 Rs. _____

N - Thank

Engineer Town Committee Kandhra

Contractor

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CONTRACT DATA

(Note: Except where otherwise indicated, all Contract Data should be filled in by the Procuring

Sub-Clauses of Conditions of Contract

1.1.3 Procuring Agency's Drawings, if any (*Tc be listed by the Procuring Agency*)

1.1 4 The Procuring Agency mear Engineer Town Committee Kandhra District Sukkur.

1.1.5 The Contractor means

1.1.7 **Commencement Date** means the date of issue of Engineer's Notice to Commence which shall be issued within fourteen (14) days of the signing of the Contract Agreement.

1.1 9 Time for Completic 12 Months

(The time for completion of the whole of the Works should be assessed by the Procuring Agency)

1.1 20 Engineer (mention the name along with the designation including whether he belongs to department or consultant) and other details.

Engr: Niaz Ahmed Shaikh belongs to department.

1.3 Documents forming the Contract listed in the order of priority:

- (a) The Contract Agreement
- (b) Letter of Acceptance
- (c) The completed Form of Bid
- (d) Contract Data
- (e) Conditions of Contract
- (f) The completed Schedules to Bid including Schedule of Prices
- (g) The Drawings, if any
- (h) The Specifications
- (i) _____
- (j) _____

(The Procuring Agency may add, in order of priority, such other documents as

form part of the Contract. Delete the document, if not applicable)

S.No.	03
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NO. 03 BIDDING DOCUMENTS STANDARD BIDDING DOCUMENT FOR PROCUREMENT OF WORKS

(For Contracts Costing upto Rs. 2.500 to 50.00 Million)

Name of Work	Construction of Surface Drains & CC Block, Enviccrate, RCC Slab MS Grinder Cross, MS Main Hole Cover, Jalli & Repair of Existing Drain for Town Kandhra			
NIT No.	TC/ 113 / 2015 dated: 19.05.2015			
Tender issued Mr./M/s				
D/R No.				
CD# & DT:				

Standard Bidding Documents is intended as a model for admeasurements (Percentage Rate/Unit price for unit rates in a Bill of Quantities types of Contract. The main text refers to admeasurements contract.

INVITATION OF BIDS

4 1

Date:- 19-05-2015 bid reference No. TC/Kandhra/113/2015

- 1 The Procuring Agency, Town Committee Kandhra, District Sukkur, invites sealed bids from intersted firms or persons licensed by the Pakistan Engineering Council in the appropriate category with the Procuring Agency for the works, Construction of Surface Drains & CC Block, Enviccrate, RCC Slab MS Grinder Cross, MS Main Hole Cover, Jalli & Repair of Existing Drain for Town Kandhra, which will be completed 12 Months
- 2 A complete set of Bidding Documents may be purchased by an intersted eligible bidder on submission of a written application to the office given belown and upon payment of a non- refundable fee of Rupees. **3,000/**-. Bidders may acquire the Bidding Documents from the Office of the Procuring Agency, at T.CKandhra@gmail.com.
- 3 All bids must be accompanied by a Bid Security in the amount of Rs. 90,000/-, (Rupees Ninty Thousand Only), or 2% ercentage of bid price in the form of (pay order / Demand Draft/Call Deposit/Bank Deposit) and must be deleivered to Administrator, Town Committee Kandhra, District Sukkur, at or before 2:00 PM on 08-06-2015. Bid will be opened at 3:00 PM on the same day in the presence of bidders' representatives who choose to attend, at the same address.

Note:- The Bid shall be opened within one hours after the dead lines for submission of bid.

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 Engineer Town Committee Kandhra. (Insert name of the Procuring Agency)

Brief Description of Works Construction of Surface Drains & CC Block, Enviccrate, RCC Slab MS Grinder Cross, MS Main Hole Cover, Jalli & Repair of Existing Drain for Town Kandhra.

5.1 (a) Procuring Agency's address Engineer Town Committee Kandhra. (Insert address of the Procuring Agency with telex/fax)

(b) Engineer's address:

Town Committee Kandhra. (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-----Million);

ii. Technical capacity: (mention 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

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

(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

(44) Fourty Four Days

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

14.4 Number of Copies of the Bid to be submitted:

One original plus _____ copies.

14.6 (a) Procuring Agency's Engineer Town Committee Kandhra. Address for the Purpose of Bid Submission

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

15.1 Deadline for Submission of Bids

Time: 2:00 PM on 08.06.2015

16.1 Venue, Time, and Date of Bid Opening

Venue: Engineer Town Committee Kandhra.

Time: 3:00 PM on 08.06.2015

16.4 Responsiveness of Bids

(i) Bid is valid till required period, Sindh Public Procurement Regulatory Authority | 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

(vi) Bids are generally in order, etc.

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*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.

FORM OF BID (LETTER OF OFFER)

Bid Reference No. TC/113 / 2015 dated 19.05.2015

Name of Work: Construction of Surface Drains & CC Block, Envicorate, RCC Slab MS Grinder Cross, MS Main Hole Cover, Jalli & Repair of Existing Drain for Town Kandhra

To:

The Engineer, Town Committee Kandhra, District Sukkur.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. **Attached** for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address Mr. M/s _______ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs. (Rubees______) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.

4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of _____ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our Bid is accepted, to execute the Performance Security Sindh Public Procurement Regulatory Authority | www.pprasindh.gov.pk 21 referred to in Conditions of Contract for the due performance of the Contract.

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8. We understand that you are not bound to accept the lowest or any bid you may receive.

9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated: 08.06.2015

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Signature:	
in the capacity of bidder duly author	ized to sign bid for and on behalf of
Mr. / M/s:	•
(Neme of Bidder in Block Capitals)	
(Seal)	
Address	
<u>Witness:</u>	
Signature:	
Name:	<u> </u>
Address:	

SCHEDULE"B"

Name of Work:-

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Construction of Surface Drains & CC Block, Envicerate, RCC Slab MS Grinder Cross, MS Main Hole Cover, Jalli & Repair of Existing Drain for Town Kandhra

<u>S.</u> #	Description	Qty	Rate	Unit	Amount
1	Excavation In foundation of Building Bridges and and other st uctures including dag belling dressing refilling around structure with excavated earth watering and ramming lead upto 5 feet(a) In ordinary soil. (C.S.I.No.18(b) P.No.5)		3176.25		13578.00
2	Cement concrete brick or stone ballost 1-1/2" to 2" guage (C.S.I No. 4 © O.No. 17)	10260.0	9416.28	P%Cft	966110.00
3	Errection and removal of centering of RCC work of pertal wood (ii) Pertal wood(C.S.I No. 18 P.No. 21)	7260.00	3127.41	P%Cft	227050.00
4	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate w/o shuttering (C.S.I No. 05 P.No. 18)	2722.50	14429.25	P%Cft	392836.00
5	Barrown pit excavation underessed lead upto 100 ft with 03 miles extra lead (b) in ordinary soil (C.S.I No. 03 P.No. 01)	262.50	6641.10	P%Cft	1743.00
6	Dressing & leveling of earth work to design section etc complete. (b) Ordinary or hard soil (C.S.I No. 03 (b) P.No. 03)	262,50	187.55	P%0Cft	49.00
7	Providing and fixing cement paving blocks flooring having size of 197 x 97 x 80 (mm) of city / qudda / cobble shape with pigmented having str8ngth b / w 5000 PSI to 85000 PSI i/c filling the joints with hillsand and laying in specified manner / pattern and design etc complete. C.S.I No.73P.No. 50)	9500.00	223.97	P-Sft	2127715.00
8	R.C.C work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding, witch will be paid separately. this rate also i/c all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (i/c screeining and washing of shingles) (a) R.C.C work in roof slab beams columns rafts lintels and other structural member laid in situ or precost laid in position complete in all respects (i) Ration (1:2:4) 90 Lbs cement 2cft, sand 4cft shingles 1/8" to 1/4 guage (C.S.I No. 6 (a) P.No. 19)	88.20	337.00	P-Cft	29723.00
9	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints & fastenings i/c cost of binding wire (also i/c removal of rust from bars(b) using tor bars (C.S.I No. 7 (ii) (b) P.No. 20).	3.54	4820.20	P-Cwt	17082.00
10	Small iron works such as guest plate kness bends, stirrups, rings etc i/c cutting drilling, reverting handling, assembling and fixing but excluding errection in position.(C.S.I No. 1 P.No. 91).	43.00	6420.61	P-Cwt	276086.00
11	Errection & fixing in position of iron trusses stafing of water tank etc complete. (C.S.I No. 03 P.No. 91)	43.00	271.04	P-Cwt	11655.00
Amount TOTAL		4063627.0			
------------------------------	----------	-----------			
Premium quoted % above/below	Rs.				
Cartage	Rs.	436460.00			
Total Amount	Rs				
Say Amount	Rs				
	h .				
Сопtractor	1-3 dian	uis .			

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Muncipal Committee Kandhra District Sukkur ---

CONTRACT DATA

(Nore: Except where otherwise indicated, all Contract Data should be filled in by the Procuring

Sub-Clauses of

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Conditions of Contract 1.1.3 Procuring Agency's Drawings, if any (To be listed by the Procuring Agency)

1.1.4 The Procuring Agency mear Engineer Town Committee Kandhra District Sukkur.

1.1.5 The Contractor means

1.1.7 Commencement Date means the date of issue of Engineer's Notice to Commence which shall be issued within fourteen (14) days of the signing of the Contract Agreement.

1.1.9 Time for Completic 12_Months

(The time for completion of the whole of the Works should be assessed by the Procuring Agency)

1.1.20 Engineer (mention the name along with the designation including whether he belongs to department or consultant) and other details.

Engr: Niaz Ahmed Shaikh belongs to department.

1.3 Documents forming the Contract listed in the order of priority:

- (a) The Contract Agreement
- (b) Letter of Acceptance
- (c) The completed Form of Bid
- (d) Contract Data
- (e) Conditions of Contract
- (f) The completed Schedules to Bid including Schedule of Prices
- (g) The Drawings, if any
- (h) The Specifications
- (i) ______ (j) _____

(The Procuring Agency may add, in order of priority, such other documents as

form part of the Contract. Delete the document, if not applicable)



FOR PROCUREMENT OF WORKS

(For Contracts Costing upto Rs. 2.500 Million)

Name of Work	Supplying/Repair Pump Electric Motor i/c Reconditioning of other Accessories of Various Water Supply Schemes & Drainage Schemes for Town Kandhra.		
NIT No.	No. TC/113/2015 dated: 19.05.2015		
Tender issued Mr./M/s			
Tender Fee	2000		
D/R No.			
CD# & DT:			

Standard Bidding Documents is intended as a model for admeasurements (Percentage Rate/Unit price for unit rates in a Bill of Quantities types of Contract. The main text refers to admeasurements contract

Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and Contract Data.

The Instructions to Bidders will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. Fixed Price Contracts: The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. Conditional Offer: Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

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

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

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

8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.

9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

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

11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;

(A) In case of schedule rates, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.

(B) In case of item rates, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.

(C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

BIDDING DATA

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

(a). Name of Procuring Agency	: Engineer, Town Committee Kandhra
(b). Brief Description of Works	: Supplying/Repair Pump Electric Motor i/c Reconditioning of other Accessories of Various Water Supply Schemes & Drainage Schemes for Town Kandhra.
(c).Procuring Agency's address:-	: Town Committee Kandhra.
(d). Estimated Cost:-	: Rs. 2.500 Million

(e). Amount of Bid Security:- 2% (of Estimated Cost) (Fill in lump sum amount or in % age of bid amount /estimated cost, but not exceeding 5%)

(f).Period of Bid Validity (days):- 44 Days (Not more than sixty days).

(g). Security Deposit:-(including bid security):-2% Call Dep & 3% R.A bill. (in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills: -3% Sec. Dep. (7.50% Inc.Tax)

(i). Deadline for Submission of Bids along with time : 08.06.2015 at 2.00 pm

(j). Venue, Time, and Date of Bid Opening:- Town Committe Kandhra, 08.06.2015 3.00 pm

(k). Time for Completion from written order of commence: - 12 months

(L).Liquidity damages:- _____(0.05 of Estimated Cost or Bid cost per day of delay,

(m). Deposit Receipt No: _____ Dt: ____ Bank _____ Amount _____

(Executive Engineer/Authority issuing bidding document)

Conditions of Contract

Clause – 1:Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion or work except with the written authority and instructions of the Engineer-in-charge or of in subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the wok, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis.

Clause – 2:Liquidated Damages. The contractor shall pay liquidated damages to the Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Agency shall not exceed 10 per cent of the contract price. Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

Clause - 3: Termination of the Contract.

(A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exits:-

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

(ii) The progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;

(iii) In the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.

(iv) Contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;

(B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-

- (i) To forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
- (ii) To finalize the work by measuring the work done by the contractor.

(C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-

(i) No claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract.

(ii) However, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid. Procuring Agency/Engineer may invite fresh bids for remaining work.

Clause 4: Possession of the site and claims for compensation for delay. The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/ compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly.

Clause -5: Extension of Intended Completion Date. The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

Clause –6: **Specifications**. The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

Clause - 7: Payments.

(A) Interim/Running Bill. A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as for as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

(B) The Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

Clause -8: Reduced Rates. In cases where the items of work are not accepted as so completed, the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

Clause - 9: Issuance of Variation and Repeat Orders.

(A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.

(B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

(C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.

(D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contact work.

(E) In case of quantities of work executed result the Initial Contract Price to be exceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.

(F) Repeat Order: Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

Clause-10: Quality Control.

(A) Identifying Defects: If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.

(B) Correction of Defects: The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.

(C) Uncorrected Defects:

(i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

(ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

Clause – 11:

(A) Inspection of Operations. The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.

B) Dates for Inspection and Testing. The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

Clause - 12: Examination of work before covering up.

(A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;

(B) If any work is covered up or placed beyond the reach of measurement without such notice having been giver, the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

Clause – 13: Risks. The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or related services at the premises and of personal injury and death, which arise during and in consequence of its performance of the contract. if any damage is caused while the work is in progress or become apparent within three months of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

Clause-14: Measures for prevention of fire and safety measures. The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labour shall be paid by him.

Clause-15:Sub-contracting. The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor. his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it was employees of the contractor.

Clause -16: **Disputes.** All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, the decision of the Superintending Engineer of the circle/officer/one grade higher to awarding authority shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, here in before mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

Clause –17: **Site Clearance.** On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-charge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose of the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

Clause -18: Financial Assistance /Advance Payment.

(A) Mobilization advance is not allowed.

(B) Secured Advance against materials brought at site.

(i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;

(ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

Clause –19: Recovery as arrears of Land Revenue. Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

Clause -20: Refund of Security Deposit/Retention Money. On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

Contractor

Engineer – Town Committee Kandhra District Sukkur

BILL OF QUANTITIES

(A) Dexscription and rate of Items based on Composite Schedule of Rates.

Name of Work:-

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Supplying/Repair Pump Electric Motor i/c Reconditioning of other Accessories of Various Water Supply Schemes & Drainage Schemes for Town Kandhra.

Description of Item to be executed at site	Oty	Rate	 Amount in Rupees
			Amount in Rupees
	· /		
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	1		
unt 1 OTAL	╉───╀	<u></u>	 ·
	Description of Item to be executed at site		

Premium quoted ------ % above/below Add: Difference Cost 8.85 @ 3267 P.Ton Total Amount

Rs._____ Rs.______ Rs._____

Engineer -Town Committee Kandhra District Sukkur

Contractor

(B) Dexscription and rate of Items based on Market (Offered Rates).

Name of Work:-

<u>Supplying/Repair Pump Electric Motor i/c Reconditioning of other Accessories of Various Water Supply Schemes & Drainage Schemes for Town Kandhra.</u>

Item No	D. Description of Item to be executed at site	Qty	Rate	Unit	Amount in Rupee
1	Supply of KSB Pumps Type ETA				<u>† </u>
a)	ETF. 65-200 3"x2.5"	Each			<u> </u>
b)	ETA 80-200 4"x3"	Each		<u> </u>	<u> </u>
c)	ETA 80-250 4"x3"	Each		<u> </u>	┢────
d)	ETA 100-200 5"x4"	Each		┝────	
e)	ETA 100-250 5"x4"	Each		<u> </u>	<u> </u>
f)	ETA 125-200 6"x5"	Each		 	
g)	ETA 150-250 8"x6"	Each		<u> </u>	
2	Supply of Drainage Non		. <u></u>	 	
	Clogging Pump (Nice or				
	equivalent).				
a)	NSP 62 Size 3"x2.5"	Each			
b)	NSP 75 Size 4"x3"	Each		· · · · ·	
)	NSP 100 Size 5"x4"	Each			
d)	NSP 125 Size 6"x5"	Each	· · · · · · · · · · · · · · · · · · ·		
3	Supplying Coupling Pins with				<u>-</u>
	Coupling Set i/c. boring				
	charges suitable with shaft of				
- \	motor.				
a)	Size 5" Dia	Each			
b)	Size 6" Dia	Each			
c)	Size 7" Dia	Each			
4	Supplying Foundation Frame.				
a)	With 6" Channel (40BHP 50BHP	Each			
	Pump)				
b)	With 5" Channel (40BHP 50BHP Pump)	Each			
c)	With 4" Channel (20BHP 30BHP	Each			
	Pump)				

(<u>d</u>)	With 3" Channel (10BHP 15BH	
. L-	Pump)	IP Each
5		<u>r</u>
	Sigmens made	
i)		+
a)		Each
b)		Each
c)		Each
d)	25.0 BHP	Each
e)	30.0 BHP	Each
f)	40.0 BHP	Each
g)	50.0 BHP	Each
<u>ii)</u>		+++
a)	10.0 BHP	Each
b)	15.0 BHP	Each
c)	20.) BHP	Each
d)	25.) BHP	Each
e)	30.) BHP	Each
f)	40.0 BHP	Each
g)	50.0 BHP	Each
6	Supplying Reflux Valve C.I.	
	Heavy Pattern	
a)	8" Dia Adil Heavy Pattern.	Each
b)	6" Dia Adil Heavy Pattern.	Each
c)	5" Dia Adil Heavy Pattern.	Each
d)	4" Lia Adil Heavy Pattern.	Each
e)	3" Lia Adil Heavy Pattern.	Each
7	Supplying Foot Valve C.I.	
	Heavy Pattern	
a)	8" Dia	Each
b)	6" Dia	Each
c)	5" Dia	Each
d)	4" Dia	Each
e)	3" D.ia	Each
8	Supplying C.I. Band 90' F.F	
	Heavy Pattern	

a)	.12" Dia	Each
b)	8" Dia	Each
(c)	6" Dia	Each
d)	5" Dia	Each
e)	4" Dia	Each
f)	3" Dia	Each
9	Supply of Foot Valve Lather	
a)	8" Dia Foot Valve	Each
b)	6" Dia Foot Valve	Each
C)	5" Dia Foot Valve	Each
d)	4" Dia Foot Valve	Each
e)	3" Dia Foot Valve	Each
10	Supplying Rubber Sheet 2/8"	P.Kgs
	Thick	
11	Supplying coupling pins of all	P.Dozen
12	sizes with bushes. Supplying Grease (American	
	made of equivalent).	P.Kgs
13	Supplying Mobil Oil Suprior	P.Liter
	quality	
14		P.Liter
15	Diesel Engine Supp: Ruber Bush of all sizes	
	suprior quality.	IP. Dozen
16	Supplying Rubber Joint	
Ľ	(Packing).	
a)	12" Dia 2/8" Thick	P.Dozen
b)	10" Dia 2/8" Thick	P.Dozen
c)	8" Dia 2/8" Thick	P.Dozen
d)	6" Dia 2/8" Thick	P.Dozen
e)	5" Dia 2/8" Thick	P.Dozen
f)	4" Dia 2/8" Thick	P.Dozen
g)	3" Dia 2/8" Thick	P.Dozen
17		P.Kgs
18	all sizes	
	Supplying M.S Pipe 5mm. 12" Dia 12 Kg/Rft	
b)	12 Dia 12 Kg/Rft 10" Dia 10 Kg/Rft	P. Rft
b) c)		P. Rft
 d)	, 	P. Rft
u)	6" Dia 5.85 Kg/Rft	P. Rft

e)	.5" Dia 5 Kg/Rft	P. Rft
(f)	4" Dia 4 Kg/Rft	P. Rft
19		
	breath	
a)	12" dia	Each
b)	10" dia	Each
c)	8" dia	Each
d)	6" dia	Each
e)	4" dia	Each
20	Supplying of Ball Bearings	
a)	No. 6313 (NTN ZZ)	Each
b)	No. 6407 (NTN ZZ)	Each
c)	No. 6409 (NTN ZZ)	Each
d)	No. 6305 (NTN ZZ)	Each
e)	No. 6306 (NTN ZZ)	Each
f)	No. 6307 (NTN ZZ)	Each
g)	No. 6308 (NTN ZZ)	Each
h)	No. 6309 (NTN ZZ)	Each
i)	No. 6310 (NTN ZZ)	Each
j)	No. 6311 (NTN ZZ)	Each
<u>k</u>)	No. 6312 (NTN ZZ)	Each
1>	No. 6304 (NTN ZZ)	Each
m)	No. 6208 (NTN ZZ)	Each
n)	No. 6211 (NTN ZZ)	Each
0)	No. 6210 (NTN ZZ)	Each
21	Welding Rods (8 & 10 Nos) H	P.Packet
22	China.	
~~~	Rewinding of electric motors	
	2900/1450 RPM with modern wire	
	or equivalent i/c. washing	
	warnishing testing the same on	
	full load for 72 hours rate	
	i/c_cost of burnt up wire.	
a)	5.0 BHP Modern Wire 3 Kg.	P.Job
b)	10.0 BHP Modern Wire 8 Kg.	P.Job
	· · · · · · · · · · · · · · · · · · ·	1.000

( C)	15.0 BHP Modern Wire 10 Kg	
	.15.0 BHP Modern Wire 10 Kg.	P.Job
d)	20.0 BHP Modern Wire 12 Kg.	P.Job
e)	25.0 BHP Modern Wire 14 Kg.	P.Job
f)		
	30.0 BHP Modern Wire 18 Kg.	P.Job
g)	40.0 BHP Modern Wire 23 Kg.	P.Job
h)	50.0 BHP Modern Wire 28 Kg.	P.Job
23	Repair of KSB ETA Pump of	
	various sizes i.e.	
	Repair/Replacement of shaft	
	replacement of ball bearing,	
	impeller, turning and facing	
	of body bushes labour charges,	
	transportation charge from and	
	upto site of work etc.	
	complete (the rate will be	
	allowed by Engineer incharge	
	as per actual work done and	
<u> </u>	usage of material).	
a)	Pump Size 3"x2.5"	
b)	Pump Size 4"x3"	
c)	Pump Size 5"x4"	
d)	Pump Size 6"x5"	
e)	Pump Size 8"x6"	

24	Repair of Nice non cloggin	a
- [ ]	sullage pump type NSP Pump o	
•	various sizes i.e	
	Repair/Replacement of shaf	
	replacement of ball bearing	
	impeller, turning and facin	
	of body bushes labour charges	
	transportation charge from an	
	upto site of work etc	
	complete (the rate will be	
	allowed by Engineer incharge	
	as per actual work done and	
	usage of material).	
a)	NSF 62 Size 3"x2.5"	Each
b)	NSF 75 Size 4"x3"	Each
C)	NSF 100 Size 6"x4"	Each
d)	NSP 125 Size 6"x5"	Each
h)	Lowering and making alignment	P.Job
	of electric motors & testing	
	charges of motors pump from 30	
	BHP to 50 BHP.	
25	Repair of Transformer	
	/Rewinding of H.T /L.T Coil,	
	with proper gauge of copper	
	wire & wrapping with	
	insullator & making coil with	
	proper appropriate rounds and	
	warnishing and same and fixing	
	inside properly clamping i.c.	
	test for 72 hours etc.	
	complete (The rate will be	
	allowed by (Engineer incharge	
	as per actual work done and	
	usage of material).	
a)	For 200 KVA	
	HT Coil	P.Coil
	LT Coil	P.Coil

· [ b)	For 100 KVA	- <u></u>	<del></del>		
	HT Coil				
·	LT Coil	P.Coil			
- c)		P.Coil			
	HT Coil	<u> </u>			
	LT Coil	P.Coil			
<u>d</u> )	For 25 KVA	P.Coil			
<b></b>	HT Coil	· · ·		T	<u> </u>
	LT Coil	P.Coil			
26		P.Coil		<u> </u>	
		P.Liter			
27	Oil for Starter Supply of dry Strater (Siemens				
	or equivalent) for electric				1
1	pumping machinery rate i/cs.				
	Replacement of comtactors,				
	over load relay, timer etc.				
	complete.			[	
a)	24 - 42 Amps	P.Job			
b)	38 - 70 Amps	P.Job		<u> </u>	
(C)	62 - 110 Amps	P.Job			
28	Repair of dry Strater (Siemens	<u> </u>		·	
	or equivalent) for electric				
	pumping machinery rate i/cs.				
	Replacement of comtactors,				1
	over load relay, timer etc.				
	complete.				
a)	24 - 42 Amps	P.Job			
b)	38 - 70 Amps	P.Job			
c)	62 - 110 Amps	P.Job			
29	Supply of C.I Jibaul Joint				
]					
	with rubber rings, nuts, bolts				
	and washers erc complete.				
a)	16" Dia	P.Job		<u> </u>	
b)	12" Dia	P.Job		+	
c)	10" Dia	P.Job			— — —
d)	8" Lia	P.Job			
e)	6" Dia	P.Job			

	4". Dia	P.Job
	3" Dia	P.Job
		P.Dozen
30	Hack Saw Blade	P.Dozen
31	supply of Nipples with flanges	
a)	and clamps. 8" Dia	P.No.
(d)	6" Dia	P.No.
c)	5" Dia	P.No.
	4" Dia	P.No.
e)	3" Dia	P.No.
32	Supply of M.S Flanges 3/8"	
52	Thick.	
	16" Dia	P.No.
b)	12" Dia	P.No.
	10" Dia	P.No.
d)	8" Dia	P.No.
d)	6" Dia	P.No.
e)	5" Dia	P.No.
f)	4" Dia	P.No.
	3" Dia	P.No.
33	Supply of Sluice Valve Heavy	
	Pattern test pressure 21.0	
	Kg/Sq. Cm	
a)	16" Dia	P.No.
b)	12" Dia	P.No.
C)	10" Dia	P.No.
d)	8" Lia	P.No.
e)	6" [ia	P.No.
f)	5" Dia	P.No.
g)	4" Dia	P.No.
h)	3" Dia	P.No.
34	Glan Dori.	P.Kgs
34	Supply of Oil Starter.	
a)	24 - 42 Amps	P.Job
b)	38 - 70 Amps	P.Job
C)	62 - 110 Amps	P.Job
35	Supply of Panal Board Starter	
	10 15 0000	P.Job
a)	10 - 15 Amps	

(d	20 - 25 Amps	P.Job		Τ — —	<u> </u>
, C)	30 - 40 Amps	P.Job		<u> </u>	ļ <u> </u>
36	Piston Pump 1x1" with 1/2 HP				
	with 1/2 HP	P.Set			
	Motcr complete phillper.				
37	Piston Pump 1-1/4x1" English	P Sot			
	with 1 HP Motor 3 Star				
	complete set.			-	
38	Piston Pump 1-1/2x1/2" English	P.Set			
	with 2 HP Motor 3 Star	2.0000			
L.	complete set.				
39	Piston Pump 1-1/2" x 1-1/2"	P.Set			
	English.	-			ļ İ
40	Piston Pump 1-1/4" x 1"	P.Set			┝━────┩
	English.				
41	Diesel Engine (7 HP).	P.Set			┝──╴─── ─┦
42	Diesel Engine (16 HP Cam).	P.Set			
43	Pump 5x6" Dia Adil or equal				
	sullage.	Each			
44					
	Pump 4x5" Dia Adil or equal sullage.	Each			
45	Electric Motor 4HP coupled	P.Set			
	Rooter Pump 4x4" Dia.	r.set			
46	Electric Motor 3HP coupled	P.Set			<u> </u>
	Rooter Pump 3x3" Dia.				
47	Electric Motor 2HP coupled	P.Set	·		·
L.	Rooter Pump 2x2" Dia.				
48	Electric Motor 1HP coupled	P.Set			
	Rooter Pump 1x1" Dia.				
49	M.S.Frame for D/Engine & Pump	P.Set			
L	for 16 HP Diesel Engine.				
50	M.S.Frame for D/Engine & Pump	P.Set			
					ĺ
	for 7 HP Diesel Engine.				
51	M.S.Frame for Motor & Pump for	P.Set			
	6" Channel.				
52	M.S.Frame for Motor & Pump for	P.Set			
- E 2	5" Channel.				
53	M.S.Frame for Motor & Pump for	P.Set			
54	4" Channel.				
	Portable petrol Engine 5.5 HP	P.Set		Ţ	
	with coupled pump 3x3" Dia,				1
L	Nipple etc. complete.	[			

	Amount TOTAL	
	(Darson/Supper)	
	Hose Pipe (Rubber) 3" dia i	P.Coil
	(Darson/Supper)	
65	Hose Pipe (Rubber) 4" dia	P.Coil
	(Darson/Supper)	
64	Upper Di territori	P.Coil
	Hose Pipe (Rubber) 6" dia (Darson/Supper)	P.Coil
63	(Darson/Supper) Hose Pipe (Rubber) 6" dia	
02		P.Coil
62	quality (Million 4 Core). Hose Pipe (Rubber) 8" dia	
61	PVC Wire 7/064 approved	P.Coil
	quality (Million 4 Core).	
60	PVC Wire 7/044 approved	P.Coil
	quality (Million 2 Core).	
59	PVC Wire 7/064 approved	P. Coil
	quality (Million 2 Core).	P.Col1
58	quality (Million Single Core). PVC Wire 7/044 approved	
	Quality (Million Qin 1	
57	PVC Wire 7/064 approved	P.Coil
- <u> </u>	quality (Million Single Core).	
	PVC Wire 7/044 approved	P.Coil
56	Nipple etc. complete. PVC Wire 7/044 approved	
	with coupled pump 2x2" Dia,	
1	Portable petrol Engine 5.5 HP	P.Set

Total (B) in words in figures:

Engineer

Town Committee Kandhra District Sukkur

Contractor



## SUMMARY OF BILL OF QUANTITY

<u>Supplying/Repair Pump Electric Motor i/c Reconditioning of other Accessories of Various Water Supply Schemes & Drainage Schemes for Town Kandhra.</u>

Cost of Bid	Amount
1. (A) Cost of based on Composite Schedule of Rates	
2. (B) Cost of based on Non/Offered Schedule of Rates.	2500000.00
TOTAL COST OF BID (C) = TOTAL (A) + TOTAL (B)	2500000.00

Contractor

Engineer _

Town Committee Kandhra District Sukkur



STANDARD BIDDING DOCUMENT FOR PROCUREMENT OF WORKS

(For Contracts Costing upto Rs. 2.500 Million)

Name of Work	Supplying & Installing all kinds of Pipes on Various Water Supply Schemes & Drainage Schemes for Town Kandhra.
NIT No.	No. TC/113/2015 dated: 19.05.2015
Tender issued Mr./M/s	
Tender Fee	2000
D/R No.	
CD# & DT:	

Standard Bidding Documents is intended as a model for admeasurements (Percentage Rate/Unit price for unit rates in a Bill of Quantities types of Contract. The main text refers to admeasurements contract

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### Instructions to Bidders/ Procuring Agencies.

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

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and Contract Data.

The Instructions to Bidders will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. Fixed Price Contracts: The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. Conditional Offer: Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

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

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

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

8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.

9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

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

11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;

(A) In case of schedule rates, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.

(B) In case of item rates, If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.

(C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

## **BIDDING DATA**

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

(a). Name of Procuring Agency	: Engineer, Town Committee Kandhra		
(b). Brief Description of Works	: Supplying & Installing all kinds of Pipes on Various Water Supply Schemes & Drainage Schemes for Town Kandhra.		
(c).Procuring Agency's address:-	: Town Committee Kandhra.		
(d). Estimated Cost:-	: Rs. 2.500 Million		

(e). Amount of Bid Security:- 2% (of Estimated Cost) (Fill in lump sum amount or in % age of bid amount /estimated cost, but not exceeding 5%)

(f).Period of Bid Validity (days):- 44 Days (Not more than sixty days).

(g). Security Deposit:-(including bid security):-2% Call Dep & 3% R.A bill. (in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills: -3% Sec. Dep. (7.50% Inc. Tax)

(i). Deadline for Submission of Bids along with time : 08.06.2015 at 2.00 pm

(j). Venue, Time, and Date of Bid Opening:- Town Committe Kandhra, 08.06.2015 3.00 pm

(k). Time for Completion from written order of commence: - 12 months

(L).Liquidity damages:-_____(0.05 of Estimated Cost or Bid cost per day of delay,

(m). Deposit Receipt No: _____Dt: ____Bank_____Amount____

(Executive Engineer/Authority issuing bidding document)

#### **Conditions of Contract**

**Clause** -- 1:Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion or work except with the written authority and instructions of the Engineer-in-charge or of in subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the wok, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis.

**Clause – 2:Liquidated Damages.** The contractor shall pay liquidated damages to the Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Agency shall not exceed 10 per cent of the contract price. Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

#### Clause - 3: Termination of the Contract.

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(A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exits:-

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

(ii) The progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;

(iii) In the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.

(iv) Contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;

(B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-

- (i) To forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
- (ii) To finalize the work by measuring the work done by the contractor.

(C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-

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(i) No claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract.

(ii) However, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid. Procuring Agency/Engineer may invite fresh bids for remaining work.

**Clause 4:** Possession of the site and claims for compensation for delay. The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/ compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly.

**Clause -5: Extension of Intended Completion Date**. The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

**Clause –6:** Specifications. The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

### Clause - 7: Payments.

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(A) Interim/Running Bill. A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as for as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

(B) The Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

Clause -3: Reduced Rates. In cases where the items of work are not accepted as so completed, the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

## Clause - 9: Issuance of Variation and Repeat Orders.

(A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.

(B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects or which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

(C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.

(D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contact work.

(E) In case of quantities of work executed result the Initial Contract Price to be exceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.

(F) Repeat Order: Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

## Clause-10: Quality Control.

(A) Identifying Defects: If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.

(B) Correction of Defects: The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.

#### (C) Uncorrected Defects:

(i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

(ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

## Clause - 11;

(A) Inspection of Operations. The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.

B) Dates for Inspection and Testing. The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

# Clause - 12: Examination of work before covering up.

(A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;

(B) If any work is covered up or placed beyond the reach of measurement without such notice having been given the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

Clause -13: Risks. The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or related services at the premises and of personal injury and death, which arise during and in consequence of its performance of the contract. if any damage is caused while the work is in progress or become apparent within three months of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

**Clause-14:** Measures for prevention of fire and safety measures. The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labour shall be paid by him.

**Clause-15:Sub-contracting.** The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor, his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it was employees of the contractor.

**Clause – 16: Disputes.** All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, the decision of the Superintending Engineer of the circle/officer/one grade higher to awarding authority shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, here in before mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

**Clause -17: Site Clearance.** On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-charge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose of the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

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

(A) Mobilization advance is not allowed.

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(B) Secured Advance against materials brought at site.

(i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;

(ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

Clause –19: Recovery as arrears of Land Revenue. Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

Clause -20: Refund of Security Deposit/Retention Money. On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

Contractor

Engineer -Town Committee Kandhra District Sukkur
### **BILL OF QUANTITIES**

# (A) Dexscription and rate of Items based on Composite Schedule of Rates.

Name of Work:-

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Supplying & Installing all kinds of Pipes on Various Water Supply Schemes & Drainage Schemes for Town Kandhra.

Item No.	Description of Item to be executed at site	Qty	Rate	Unit	Amount in During
		+			Amount in Rupees
2		╅╼╾╼┼╸		_ <b>_</b>	
3		╞╼╼┼			
Am	ount TOTAL	·{────	<u> </u>		
		<u> </u>			

Premium quoted ------ % above/below Add: Difference Cost 8.85 @ 3267 P.Ton Total Amount

Contractor

Sh arean Engineer

Town Committee Kandhra

# (B) Dexscription and rate of Items based on Market (Offered Rates).

Name of Work:-

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Supplying & Installing all kinds of Pipes on Various Water Supply Schemes & Drainage Schemes for Town Kandhra.

Item No	Description of Item to be executed at site	Unit	Rate	Unit	Amount in Rupees
				<u> </u>	+ <u> </u>
1	G.I.Pipe 6" dia ILI	P.Rft		<u> </u>	<del> </del>
2	(Medium).				
2	G.I.Pipe 5" dia ILI	P.Rft		<b>—</b> ——	
3	(Medium).				
5	G.I.Pipe 4" dia ILI	P.Rft			
4	(Medium).				
4	G.I.Pipe 3" dia ILL	P.Rft			
5	(Medium).				
5	G.I.Pipe 2 1/2"dia ILL	P.Rft			
6	(Medium) G.I.Pipe 2" dia ILL	<u> </u>			
0		P.Rft			
7	(Medium). G.I.Pipe 1 1/2"dia				
,	/ · · · · · · · · · · · · · · · · · · ·	P.Rft			
8	ILL(Medium) G.I.Pipe 1 1/4"dia				
Ū	G.I.Pipe 1 1/4"dia ILL(Medium)	P.Rft			
9					
5	G.I.Pipe 1" dia ILL (Medium).	P.Rft			
10	G.I.Pipe 3/4" dia ILL	P.Rft			
	(Medium).	P.RIC			
11	G.I.Pipe 1/2" dia ILL	P.Rft			
	(Medium).	LINIC			
12	G.I.Socket 6" dia China	Each			
	G.I.Socket 5" dia China	Each			
14	G.I.Socket 4" dia China	Each		+	
15	G.I.Socket 3" dia China	Each			
	G.I.Socket 2 1/2" dia China				
10	G.I.SOCKEL Z 1/2" dia China	Each			
17	G.I.Socket 2" dia China				
		Each	T		
18	G.I.Socket 1 1/2" dia China	Each		— —	
19 0	G.I.Socket 1 1/4" dia China	Each		+	
00			1		
20 0	G.I.Socket 1" dia China	Each			
21 (	G.I.Socket 3/4" dia China	Each		· — 🕂	
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	22	G.I.Socket 1/2" dia China	Each			
ŕ	23	G.I.Reducer 4" x 3" dia China	Each			
	24	G.T.Reducer 3" x 2" dia "	Each			
ſ	25	GReducer 2 1/2"x2" dia "	Each			
ſ	26	G Reducer 2"x1"1/2" dia "	Each			
	27	G.E.Reducer 2 1/2"x1" dia "	Each		+	
	28	G.1.Reducer 1 1/2"x1" dia "	Each		- <del> </del>	
	29	G.I.Reducer 1"x1/2" dia "	Each		- <u> </u>	
ſ	30	G.I.Bend 3" dia China	Each		+	┝━───┦
	31	G.I.Bend 2" dia China	Each		┩───	
	32	G.I.Bend 1 1/2" dia China	Each			
	33	G.I.Bend 1" dia China	Each	<u> </u>	-{	· · · · · · · · · · · · · · · · · · ·
	34	G.I.Bend 3/4" dia China	Each	- <u> </u>	+	┝────┥
	35	G.I.Bend 1/2" dia China	Each		<b></b>	
	36	G.I.Elbow 4" dia China	Each	· · · ·		
	37	G.I.Elbow 3" dia China	Each	·		
	38	G.I.Elbow 2 1/2" dia China	Each	ii		
	39	G.I.Elbow 2" dia China	Each			
	40	G.I.Elbow 1 1/2" dia China	Each			
	41	G.I.Elbow 1 1/4" dia China	Each			
	42	G.I.Elbow 1" dia China	Each			· · · · · · · · · · · · · · · · · · ·
	43	G.I.Elbow 3/4" dia China	Each			
Γ	44	G.I.Elbow 1/2" dia China	Each			
	45	G.I.Nipple 3" dia China	Each			
	46	G.I.Nipple 2" dia China	Each		1	
	47	G.I.Nipple 1 1/2" dia China	Each			
	48	G.I.Nipple 1 1/4" dia China	Each			
	49	G.I.Nipple 1" dia China	Each			

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	50	G.I.Nipple 3/4" dia China	Each			
•	51	G.I.Nipple 1/2" dia China	Each			
F	52	G.I. Union 3" Dia China	Each			
F	53	G.I. Union 2" Dia China	Each		+	
	54	G.I. Union 1 1/2" Dia China	Each			
ſ	55	G.I. Union 1 1/4" Dia China	Each			
ſ	56	G.T. Union 1" Dia China	Each			╄────┤
	57	G Union 3/4" Dia China	Each	·		
	58	G.1. Union 1/2" Dia China	Each		 	
	59	G.I.Tee (Equal) 4" Dia China	Each		-	
	60	G.I.Tee (Equal) 3" Dia China	Each			
	61	G.I.Tee (Equal) 2" Dia China	Each		+	
	62	G.I.Tee(Equal)1 1/2" Dia China	Each		<u> </u>	
	63	G.I.Tee (Equal) 1" Dia China	Each			
	64	G.I.Tee (Equal) 3/4" Dia China	Each			
	65	G.I.Tee (Equal) 1/2" Dia China	Each		<u> </u>	
ļ.	66	G.I. Pipe Nipple 2" dia	Each			
	67	G.I. Pipe Nipple 1 1/2" dia	Each			
	68	G.I. Pipe Nipple 1 1/4" dia	Each			
Г	69	G.I. Pipe Nipple 1 " dia	Each		· · · · ·	
	70	G.I. Pipe Nipple 3/4 " dia	Each			· · · · · · · · · · · · · · · · · · ·
	71	G.I. Pipe Nipple 1/2 " dia	Each			
		CP Nipple 1/2 " dia	Each			
		G.I.R Tee 2" x 1/2" Dia	Each			<u> </u>
	74	G.I.R Tee 1"1/2" x 1/2" Dia	Each			ï
	75	G.I.R Tee 1" x 1/2" Dia	Each			

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	76	C.I.Jibual Joint 12" Dia	Each	
	77	C.I.Jibual Joint 10" Dia	Each	
	78	C.I.Jibual Joint 8" Dia	Each	
	79	C. Jibual Joint 6" Dia	Each	
	80	C. Jibual Joint 5" Dia	Each	
ſ	81	C. Jibual Joint 4" Dia	Each	
	82	C.J.Jibual Joint 3" Dia	Each	
ſ	83	C.I.Jibual Joint 2" Dia	Each	
	84	Boll Valve 1" dia itly	Each	
ſ	85	Boll Valve 3/4" dia itly	Each	
	86	Boll Valve 1/2" dia "	Each	
ſ	87	Get Valve 2" ARS/Anwar	Each	
	88	Get Valve 1 1/2" ARS/Anwar	Each	
Ļ	89	Get Valve 1" ARS/Anwar		
╞	90	Get Valve 1 ARS/Anwar Get Valve 3/4" ARS/Anwar	Each	
	50	Get Valve 3/4* AKS/Anwar	Each	
	91	Get Valve 1/2" ARS/Anwar	Each	
╞	92	Hose Pipe (Rubber) 8" Dia		
	52	(Darson/Supper) 8" Dia	P.Rft	
Γ	93	Hose Pipe (Rubber) 6" Dia	P.Rft	
╞	94	(Darson/Supper)		
	74	Hose Pipe (Rubber) 5" Dia (Darson/Supper)	P.Rft	
	95	Hose Pipe (Rubber) 4" Dia	P.Rft	
-	96	(Darson/Supper)		
	90	Hose Pipe (Rubber) 3" Dia (Darson/Supper)	P.Rft	
F	97	Nipple with Flange & Clamp	Each	
		8"_Dia		
		Nipple with Flange & Clamp 6" Dia	Each	
┝		Nipple with Flange & Clamp	Each	
		5" Dia		
		Nipple with Flange & Clamp 4" Dia	Each	
┝		Nipple with Flange & Clamp	Each	
		3" Dia		
		M.S.Flange 3/8" Thick 12"	Each	······
$\vdash$		Dia M.S.Flange 3/8" Thick 10"	Each	
L	I	Dia		

Each		· .	
105   M.S.Flange 3/8" Thick 6" Dia   Each     106   M.S.Flange 3/8" Thick 5" Dia   Each     107   M.S.Flange 3/8" Thick 5" Dia   Each     108   M.S.Flange 3/8" Thick 3" Dia   Each     109   M.S.Flange 3/8" Thick 4" Dia   Wt 12     P.Reft   Start 12   P.Rft     110   M.S Pipe 6" Dia Wt 8 Kg/Rft   P.Rft     112   M.S Pipe 6" Dia Wt 5 Kg/Rft   P.Rft     113   M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     114   M.S Pipe 3" Dia Wt 3 Kg/Rft   P.doz:     Dozen   Dia   P. P.doz:   Dozen     117   Rubber Joint 10" Dia P. P.doz:   Dozen   Dozen     120   Rubher Joint 6" Dia P. P.doz:   Dozen   Dozen     121   Rubher Joint 4" Dia P.	1	104	M.S.Flange 3/8" Thick 8" Dia Each
106   M.S.Flange 3/8" Thick 5" Dia   Each     107   M.S.Flange 3/8" Thick 4" Dia   Each     108   M.S.Flange 3/8" Thick 3" Dia   Each     109   M.S.Flange 3/8" Thick 3" Dia   Fach     110   M.S.Pipe 12" Dia Wt 10   P.Rft     111   M.S.Pipe 6" Dia Wt 5.85   P.Rft     112   M.S.Pipe 6" Dia Wt 5.Kg/Rft   P.Rft     113   M.S.Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     114   M.S.Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     115   M.S.Pipe 3" Dia Wt 3 Kg/Rft   P.doz:     Dozen   Dia   P. P.doz:   Dozen     118   Rubher Joint 6" Dia P. P.doz:   Dozen     120   Rubher Joint 5" Dia P. P.doz:   Dozen	:		
106   M.S.Flange 3/8" Thick 5" Dia   Each     107   M.S.Flange 3/8" Thick 4" Dia   Each     108   M.S.Flange 3/8" Thick 3" Dia   Each     109   M.S.Flange 3/8" Thick 3" Dia   Fach     110   M.S.Pipe 12" Dia Wt 10   P.Rft     111   M.S.Pipe 6" Dia Wt 5.85   P.Rft     112   M.S.Pipe 6" Dia Wt 5.Kg/Rft   P.Rft     113   M.S.Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     114   M.S.Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     115   M.S.Pipe 3" Dia Wt 3 Kg/Rft   P.doz:     Dozen   Dia   P. P.doz:   Dozen     118   Rubher Joint 6" Dia P. P.doz:   Dozen     120   Rubher Joint 5" Dia P. P.doz:   Dozen	-	105	M.S.Flange 3/8" Thick 6" Dia Each
107   M.S.Flange 3/8" Thick 4" Dia   Each     108   M.S.Flange 3/8" Thick 3" Dia   Each     109   M.E Pipe 12" Dia Wt 12   P.Rft     Kg/Rft   10   P.Rft     110   M.S Pipe 10" Dia Wt 12   P.Rft     Kg/Rft   110   M.S Pipe 8" Dia Wt 8 Kg/Rft   P.Rft     111   M.S Pipe 8" Dia Wt 8 Kg/Rft   P.Rft   111     M.S Pipe 8" Dia Wt 5 Kg/Rft   P.Rft   112     112   M.S Pipe 6" Dia Wt 5 Kg/Rft   P.Rft   113     M.S Pipe 5" Dia Wt 5 Kg/Rft   P.Rft   114   115     M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft   115   115     M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft   116   117     114   M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft   117     114   Rubber Joint 10" Dia P. P.doz:   117   118   110" Dia P. P.doz:   110" Dia P. P.doz:     117   Rubber Joint 6" Dia P. P.doz:   110" Dozen   111   118   111 P. P.doz:   111     119   Rubter Joint 5" Dia P. P.doz:   110" Dozen   111   111 P. P.doz:   111   111 P. P.doz:   111	ļ		
108   M.S.Flange 3/8" Thick 3" Dia   Each     109   M.S Pipe 12" Dia Wt 12   P.Rft     Kg/Rft   10   M.S Pipe 10" Dia Wt 10   P.Rft     110   M.S Pipe 10" Dia Wt 10   P.Rft   Kg/Rft     111   M.S Pipe 8" Dia Wt 8 Kg/Rft   P.Rft     112   M.S Pipe 6" Dia Wt 5.85   P.Rft     113   M.S Pipe 5" Dia Wt 5 Kg/Rft   P.Rft     114   M.S Pipe 4" Dia Wt 4 Kg/Rft   P.Rft     115   M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     116   Rubber Joint 12" Dia P. P.doz:   Dozen     117   Rubber Joint 10" Dia P. P.doz:   Dozen     118   Rubber Joint 6" Dia P. P.doz:   Dozen     119   Rubber Joint 5" Dia P. P.doz:   Dozen     120   Rubber Joint 5" Dia P. P.doz:   Dozen     121   Rubter Joint 5" Dia P. P.doz:   Dozen     122   Rubter Joint 4" Dia P. F.doz:   Dozen     123   Sluice Valve 12" Dia Heavy Each   pattern     124   Sluice Valve 10" Dia -do- Each   124		106	M.S.Flange 3/8" Thick 5" Dia Each
108   M.S.Flange 3/8" Thick 3" Dia   Each     109   M.S Pipe 12" Dia Wt 12   P.Rft     Kg/Rft   10   M.S Pipe 10" Dia Wt 10   P.Rft     110   M.S Pipe 10" Dia Wt 10   P.Rft   Kg/Rft     111   M.S Pipe 8" Dia Wt 8 Kg/Rft   P.Rft     112   M.S Pipe 6" Dia Wt 5.85   P.Rft     113   M.S Pipe 5" Dia Wt 5 Kg/Rft   P.Rft     114   M.S Pipe 4" Dia Wt 4 Kg/Rft   P.Rft     115   M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     116   Rubber Joint 12" Dia P. P.doz:   Dozen     117   Rubber Joint 10" Dia P. P.doz:   Dozen     118   Rubber Joint 6" Dia P. P.doz:   Dozen     119   Rubber Joint 5" Dia P. P.doz:   Dozen     120   Rubber Joint 5" Dia P. P.doz:   Dozen     121   Rubter Joint 5" Dia P. P.doz:   Dozen     122   Rubter Joint 4" Dia P. F.doz:   Dozen     123   Sluice Valve 12" Dia Heavy Each   pattern     124   Sluice Valve 10" Dia -do- Each   124			
108   M.S.Flange 3/8" Thick 3" Dia   Each     109   M.S Pipe 12" Dia Wt 12   P.Rft     Kg/Rft   10   M.S Pipe 10" Dia Wt 10   P.Rft     110   M.S Pipe 10" Dia Wt 10   P.Rft   Kg/Rft     111   M.S Pipe 8" Dia Wt 8 Kg/Rft   P.Rft     112   M.S Pipe 6" Dia Wt 5.85   P.Rft     113   M.S Pipe 5" Dia Wt 5 Kg/Rft   P.Rft     114   M.S Pipe 4" Dia Wt 4 Kg/Rft   P.Rft     115   M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     116   Rubber Joint 12" Dia P. P.doz:   Dozen     117   Rubber Joint 10" Dia P. P.doz:   Dozen     118   Rubber Joint 6" Dia P. P.doz:   Dozen     119   Rubber Joint 5" Dia P. P.doz:   Dozen     120   Rubber Joint 5" Dia P. P.doz:   Dozen     121   Rubter Joint 5" Dia P. P.doz:   Dozen     122   Rubter Joint 4" Dia P. F.doz:   Dozen     123   Sluice Valve 12" Dia Heavy Each   pattern     124   Sluice Valve 10" Dia -do- Each   124		107	M.S.Flange 3/8" Thick 4" Dia Each
109   M.É Pipe 12" Dia Wt 12   P.Rft     Kg/Rft   110   M.S Pipe 10" Dia Wt 10   P.Rft     110   M.S Pipe 10" Dia Wt 10   P.Rft     111   M.S Pipe 8" Dia Wt 8 Kg/Rft   P.Rft     112   M.S Pipe 6" Dia Wt 5.85   P.Rft     113   M.S Pipe 6" Dia Wt 5.85   P.Rft     114   M.S Pipe 5" Dia Wt 5 Kg/Rft   P.Rft     115   M.S Pipe 3" Dia Wt 4 Kg/Rft   P.Rft     116   Rubber Joint 12" Dia P.   P.doz:     Dozen   Dia Wt 3 Kg/Rft   P.doz:     Dozen   Dia P.   P.doz:	ļ		
109   M.É Pipe 12" Dia Wt 12   P.Rft     Kg/Rft   110   M.S Pipe 10" Dia Wt 10   P.Rft     110   M.S Pipe 10" Dia Wt 10   P.Rft     111   M.S Pipe 8" Dia Wt 8 Kg/Rft   P.Rft     112   M.S Pipe 6" Dia Wt 5.85   P.Rft     113   M.S Pipe 6" Dia Wt 5.85   P.Rft     114   M.S Pipe 5" Dia Wt 5 Kg/Rft   P.Rft     115   M.S Pipe 3" Dia Wt 4 Kg/Rft   P.Rft     116   Rubber Joint 12" Dia P.   P.doz:     Dozen   Dia Wt 3 Kg/Rft   P.doz:     Dozen   Dia P.   P.doz:		108	M.S.Flange 3/8" Thick 3" Dia Each
Kg/Rft   Intervent     110   M.S. Pipe 10" Dia Wt 10   P.Rft     111   M.S. Pipe 8" Dia Wt 8 Kg/Rft   P.Rft     112   M.S. Pipe 6" Dia Wt 5.85   P.Rft     113   M.S. Pipe 6" Dia Wt 5.85   P.Rft     113   M.S. Pipe 5" Dia Wt 5 Kg/Rft   P.Rft     114   M.S. Pipe 4" Dia Wt 4 Kg/Rft   P.Rft     115   M.S. Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     116   Rubber Joint 12" Dia P.   P.doz:     Dozen   Dozen   Dia P.     118   Rubher Joint 8" Dia P.   P.doz:     Dozen   Dozen   Dia P.     120   Rubher Joint 6" Dia P.   P.doz:     Dozen   Dia P.   P.doz:     121   Rubher Joint 6" Dia P.   P.doz:     Dozen   Dozen   Dozen     120   Rubher Joint 5" Dia P.   P.doz:     Dozen   Dozen   Dozen     121   Rubter Joint 3" Dia P.   P.doz:     Dozen   Dozen   Dozen     122   Rubter Joint 3" Dia P.   P.doz:     Dozen   Dozen   Dozen <		_	
kg/Rft     110   M.S. Pipe 10" DIa Wt 10   P.Rft     111   M.S. Pipe 6" Dia Wt 8 Kg/Rft   P.Rft     112   M.S. Pipe 6" Dia Wt 5.85   P.Rft     113   M.S. Pipe 6" Dia Wt 5.85   P.Rft     113   M.S. Pipe 5" Dia Wt 5 Kg/Rft   P.Rft     114   M.S. Pipe 4" Dia Wt 4 Kg/Rft   P.Rft     115   M.S. Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     116   Rubber Joint 12" Dia P.   P.doz:     Dozen   Dozen   Dia P.     118   Rubher Joint 8" Dia P.   P.doz:     Dozen   Dozen   Dozen     120   Rubher Joint 6" Dia P.   P.doz:     Dozen   Dozen   Dozen     121   Rubher Joint 6" Dia P.   P.doz:     Dozen   Dozen   Dozen     120   Rubher Joint 5" Dia P.   P.doz:     Dozen   Dozen   Dozen     121   Rubter Joint 3" Dia P.   P.doz:     Dozen   Dozen   Dozen     122   Rubter Joint 3" Dia P.   P.doz:     Dozen   Dozen   Dozen     123<		109	M.S Pipe 12" Dia Wt 12 P.Rft
Kg/Rft   N.S Pipe 8" Dia Wt 8 Kg/Rft   P.Rft     111   M.S Pipe 8" Dia Wt 5.85   P.Rft     112   M.S Pipe 6" Dia Wt 5.85   P.Rft     113   M.S Pipe 5" Dia Wt 5 Kg/Rft   P.Rft     114   M.S Pipe 3" Dia Wt 4 Kg/Rft   P.Rft     115   M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     116   Rubber Joint 12" Dia P. P.doz:   Dozen     Dozen   Dozen   Dia P. P.doz:     118   Rubber Joint 6" Dia P. P.doz:   Dozen     119   Rubher Joint 6" Dia P. P.doz:   Dozen     120   Rubher Joint 6" Dia P. P.doz:   Dozen     121   Rubher Joint 6" Dia P. P.doz:   Dozen     122   Rubher Joint 5" Dia P. P.doz:   Dozen     121   Rubher Joint 4" Dia P. P.doz:   Dozen     122   Rubher Joint 4" Dia P. P.doz:   Dozen     123   Sluice Valve 12" Dia Heavy Each   Dozen     124   Sluice Valve 12" Dia Heavy Each   Lach     124   Sluice Valve 10" Dia -do- Each   Lach	L		Kg/Rft
Kg/Rft   N.S Pipe 8" Dia Wt 8 Kg/Rft   P.Rft     111   M.S Pipe 8" Dia Wt 5.85   P.Rft     112   M.S Pipe 6" Dia Wt 5.85   P.Rft     113   M.S Pipe 5" Dia Wt 5 Kg/Rft   P.Rft     114   M.S Pipe 3" Dia Wt 4 Kg/Rft   P.Rft     115   M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     116   Rubber Joint 12" Dia P. P.doz:   Dozen     Dozen   Dozen   Dia P. P.doz:     118   Rubber Joint 6" Dia P. P.doz:   Dozen     119   Rubher Joint 6" Dia P. P.doz:   Dozen     120   Rubher Joint 6" Dia P. P.doz:   Dozen     121   Rubher Joint 6" Dia P. P.doz:   Dozen     122   Rubher Joint 5" Dia P. P.doz:   Dozen     121   Rubher Joint 4" Dia P. P.doz:   Dozen     122   Rubher Joint 4" Dia P. P.doz:   Dozen     123   Sluice Valve 12" Dia Heavy Each   Dozen     124   Sluice Valve 12" Dia Heavy Each   Lach     124   Sluice Valve 10" Dia -do- Each   Lach		110	M.S Pipe 10" Dia Wt 10 P.Rft
112   M.S. Pipe 6" Dia Wt 5.85   P.Rft     113   M.S. Pipe 5" Dia Wt 5 Kg/Rft   P.Rft     113   M.S. Pipe 5" Dia Wt 5 Kg/Rft   P.Rft     114   M.S. Pipe 4" Dia Wt 4 Kg/Rft   P.Rft     115   M.S. Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     116   Rubber Joint 12" Dia P. P.doz:   Dozen     Dozen   Dia V. P. P.doz:   Dozen     117   Rubber Joint 10" Dia P. P.doz:   Dozen     118   Rubber Joint 6" Dia P. P.doz:   Dozen     119   Rubber Joint 6" Dia P. P.doz:   Dozen     120   Rubter Joint 5" Dia P. P.doz:   Dozen     121   Rubter Joint 5" Dia P. P.doz:   Dozen     122   Rubter Joint 3" Dia P. P.doz:   Dozen     121   Rubter Joint 4" Dia P. P.doz:   Dozen     122   Rubter Joint 3" Dia P. P.doz:   Dozen     123   Sluice Valve 12" Dia Heavy Each   Dozen     124   Sluice Valve 10" Dia -do- Each   Each			
112   M.S Pipe 6" Dia Wt 5.85   P.Rft     113   M.S Pipe 5" Dia Wt 5 Kg/Rft   P.Rft     114   M.S Pipe 4" Dia Wt 4 Kg/Rft   P.Rft     114   M.S Pipe 4" Dia Wt 4 Kg/Rft   P.Rft     115   M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     116   Rubber Joint 12" Dia P. P.doz:   Dozen     117   Rubber Joint 10" Dia P. P.doz:   Dozen     118   Rubber Joint 8" Dia P. P.doz:   Dozen     119   Rubber Joint 6" Dia P. P.doz:   Dozen     120   Rubber Joint 5" Dia P. P.doz:   Dozen     121   Rubber Joint 5" Dia P. P.doz:   Dozen     122   Rubter Joint 4" Dia P. P.doz:   Dozen     123   Sluice Valve 12" Dia Heavy Each   Dozen     124   Sluice Valve 10" Dia -do- Each   Lach	ſ	111	M.S Pipe 8" Dia Wt 8 Kg/Rft P.Rft
Kg/Rft   113   M.S Pipe 5" Dia Wt 5 Kg/Rft   P.Rft     114   M.S Pipe 4" Dia Wt 4 Kg/Rft   P.Rft   P.Rft     115   M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft   P.Rft     116   Rubber Joint 12" Dia P. P.doz: Dozen   P.doz:   P.doz:     117   Rubber Joint 10" Dia P. P.doz: Dozen   P.doz:   P.doz:     118   Rubber Joint 6" Dia P. P.doz: Dozen   P.doz:   P.doz:     119   Rubber Joint 5" Dia P. P.doz: Dozen   P.doz:   P.doz:     120   Rubber Joint 5" Dia P. P.doz: Dozen   P.doz:   P.doz:     121   Rubter Joint 5" Dia P. P.doz: Dozen   P.doz:   P.doz:     122   Rubter Joint 3" Dia P. P.doz: Dozen   P.doz:   P.doz:     123   Sluice Valve 12" Dia Heavy Each   P.doz:   P.doz:     124   Sluice Valve 10" Dia -do   Each   P.doz:			
Kg/Rft   113   M.S Pipe 5" Dia Wt 5 Kg/Rft   P.Rft     114   M.S Pipe 4" Dia Wt 4 Kg/Rft   P.Rft   P.Rft     115   M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft   P.Rft     116   Rubber Joint 12" Dia P. P.doz: Dozen   P.doz:   P.doz:     117   Rubber Joint 10" Dia P. P.doz: Dozen   P.doz:   P.doz:     118   Rubber Joint 6" Dia P. P.doz: Dozen   P.doz:   P.doz:     119   Rubber Joint 5" Dia P. P.doz: Dozen   P.doz:   P.doz:     120   Rubber Joint 5" Dia P. P.doz: Dozen   P.doz:   P.doz:     121   Rubter Joint 5" Dia P. P.doz: Dozen   P.doz:   P.doz:     122   Rubter Joint 3" Dia P. P.doz: Dozen   P.doz:   P.doz:     123   Sluice Valve 12" Dia Heavy Each   P.doz:   P.doz:     124   Sluice Valve 10" Dia -do   Each   P.doz:	Γ	112	M.S Pipe 6" Dia Wt 5.85 P.Rft
114   M.S Pipe 4" Dia Wt 4 Kg/Rft   P.Rft     115   M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     116   Rubber Joint 12" Dia P.   P.doz:     Dozen   Dia P.   P.doz:     117   Rubber Joint 10" Dia P.   P.doz:     Dozen   Dia P.   P.doz:     118   Rubher Joint 8" Dia P.   P.doz:     Dozen   Dia P.   P.doz:     122   Rubter Joint 3" Dia P.   P.doz:     Dozen   Dia Heavy   Each     123   Sluice Valve 12" Dia Heavy   Each     pattern   test pressure 21 Kg.   Image: Sluice Valve 10" Dia -do-     124			
114   M.S Pipe 4" Dia Wt 4 Kg/Rft   P.Rft     115   M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     116   Rubber Joint 12" Dia P.   P.doz:     Dozen   Dia P.   P.doz:     117   Rubber Joint 10" Dia P.   P.doz:     Dozen   Dia P.   P.doz:     118   Rubher Joint 8" Dia P.   P.doz:     Dozen   Dia P.   P.doz:     122   Rubter Joint 3" Dia P.   P.doz:     Dozen   Dia Heavy   Each     123   Sluice Valve 12" Dia Heavy   Each     pattern   test pressure 21 Kg.   Image: Sluice Valve 10" Dia -do-     124	Γ	113	
115   M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     116   Rubber Joint 12" Dia P. P.doz: Dozen   P.doz:     117   Rubber Joint 10" Dia P. P.doz: Dozen   P.doz:     118   Rubber Joint 8" Dia P. P.doz: Dozen   P.doz:     119   Rubber Joint 6" Dia P. P.doz: Dozen   P.doz:     120   Rubber Joint 5" Dia P. P.doz: Dozen   P.doz:     121   Rubter Joint 5" Dia P. P.doz: Dozen   P.doz:     122   Rubter Joint 3" Dia P. P.doz: Dozen   P.doz:     123   Sluice Valve 12" Dia Heavy Pattern   Each     124   Sluice Valve 12" Dia -do- Each   Each			
115   M.S Pipe 3" Dia Wt 3 Kg/Rft   P.Rft     116   Rubber Joint 12" Dia P. P.doz: Dozen   P.doz:     117   Rubber Joint 10" Dia P. P.doz: Dozen   P.doz:     118   Rubber Joint 8" Dia P. P.doz: Dozen   P.doz:     119   Rubber Joint 6" Dia P. P.doz: Dozen   P.doz:     120   Rubber Joint 5" Dia P. P.doz: Dozen   P.doz:     121   Rubter Joint 5" Dia P. P.doz: Dozen   P.doz:     122   Rubter Joint 3" Dia P. P.doz: Dozen   P.doz:     123   Sluice Valve 12" Dia Heavy Pattern   Each     124   Sluice Valve 12" Dia -do- Each   Each		114	M.S Pipe 4" Dia Wt 4 Kg/Rft P Rft
116   Rubber Joint 12" Dia P. P.doz: Dozen   Image: Second Secon			
116   Rubber Joint 12" Dia P. P.doz: Dozen   Image: Second Secon		115	M.S Pipe 3" Dia Wt 3 Kg/Rft   P Pft
Dozen   117   Rubber Joint 10" Dia P. P.doz:     Dozen   Dia P. P.doz:     Dozen   Dia P. P.doz:     Dozen   Dozen     118   Rubber Joint 8" Dia P. P.doz:     Dozen   Dozen     119   Rubber Joint 6" Dia P. P.doz:     Dozen   Dozen     120   Rubber Joint 5" Dia P. P.doz:     Dozen   Dozen     121   Rubrer Joint 4" Dia P. P.doz:     Dozen   Dozen     122   Rubrer Joint 3" Dia P. P.doz:     Dozen   Dozen     122   Rubrer Joint 3" Dia P. P.doz:     Dozen   Dozen     123   Sluice Valve 12" Dia Heavy Each     pattern   test pressure 21 Kg.     124   Sluice Valve 10" Dia -do- Each			r we o ng/nic F.nit
Dozen   117   Rubber Joint 10" Dia P. P.doz: Dozen     117   Rubber Joint 8" Dia P. P.doz: Dozen   P.doz: Dozen     118   Rubber Joint 6" Dia P. P.doz: Dozen   P.doz: Dozen     120   Rubber Joint 5" Dia P. P.doz: Dozen   P.doz: Dozen     121   Rubrer Joint 4" Dia P. P.doz: Dozen   P.doz: Dozen     122   Rubrer Joint 3" Dia P. P.doz: Dozen   P.doz: Dozen     123   Sluice Valve 12" Dia Heavy Pattern   Each     124   Sluice Valve 10" Dia -do- Each   Each	F	116	Rubber Joint 12" Dia P D dozt
117Rubber Joint 10" Dia P. DozenP.doz: P.doz:118Rubber Joint 8" Dia P. DozenP.doz: P.doz:119Rubber Joint 6" Dia P. DozenP.doz: P.doz:120Rubber Joint 5" Dia P. DozenP.doz: P.doz:121Rubter Joint 4" Dia P. DozenP.doz: P.doz:122Rubter Joint 3" Dia P. P.doz: DozenP.doz: P.doz:123Sluice Valve 12" Dia Heavy Pattern test pressure 21 Kg.Each124Sluice Valve 10" Dia -do- EachEach			D10 1. 1. 002.
Dozen   118   Rubber Joint 8" Dia P. P.doz:   Dozen   119   Rubber Joint 6" Dia P. P.doz:   Dozen   120   Rubber Joint 5" Dia P. P.doz:   Dozen   121   Rubter Joint 4" Dia P. P.doz:   Dozen   121   Rubter Joint 3" Dia P. P.doz:   Dozen   122   Rubter Joint 3" Dia P. P.doz:   Dozen   123   Sluice Valve 12" Dia Heavy Each   pattern   test pressure 21 Kg.   124   Sluice Valve 10" Dia -do- Each			
118   Rubber Joint 8" Dia P. P.doz:     Dozen     119   Rubber Joint 6" Dia P. P.doz:     Dozen     120   Rubber Joint 5" Dia P. P.doz:     Dozen     121   Rubker Joint 4" Dia P. P.doz:     Dozen     122   Rubker Joint 4" Dia P. P.doz:     Dozen     122   Rubker Joint 3" Dia P. P.doz:     Dozen     123   Sluice Valve 12" Dia Heavy Each pattern     test pressure 21 Kg.     124     Sluice Valve 10" Dia -do- Each		1	
Dozen   119   Rubber Joint 6" Dia P. P.doz:     Dozen   120   Rubber Joint 5" Dia P. P.doz:     Dozen   121     Rubker Joint 4" Dia P. P.doz:   121     Dozen   121     Rubker Joint 4" Dia P. P.doz:   121     Dozen   122     Rubker Joint 3" Dia P. P.doz:   122     Dozen   123     Sluice Valve 12" Dia Heavy Each   124     Sluice Valve 10" Dia -do- Each   125			
119   Rubber Joint 6" Dia P. P.doz: Dozen   P.doz: Dozen     120   Rubber Joint 5" Dia P. P.doz: Dozen   P.doz: Dozen     121   Rubter Joint 4" Dia P. P.doz: Dozen   P.doz: Dozen     122   Rubter Joint 3" Dia P. P.doz: Dozen   P.doz: Dozen     123   Sluice Valve 12" Dia Heavy Pattern   Each     124   Sluice Valve 10" Dia -do- Each   Each			
Dozen P.doz:   120 Rubber Joint 5" Dia P. P.doz:   Dozen   121 Rubter Joint 4" Dia P. P.doz:   Dozen   122 Rubter Joint 3" Dia P. P.doz:   Dozen   123   Sluice Valve 12" Dia Heavy Each   pattern   test pressure 21 Kg.   124   Sluice Valve 10" Dia -do- Each		_	
120   Rubber Joint 5" Dia P. P.doz: Dozen   P.doz: Dozen     121   Rubber Joint 4" Dia P. P.doz: Dozen   P.doz: Dozen     122   Rubber Joint 3" Dia P. P.doz: Dozen   P.doz: Dozen     123   Sluice Valve 12" Dia Heavy Pattern test pressure 21 Kg.   Each     124   Sluice Valve 10" Dia -do- Each   Each			- 014 I, I, 402.
Dozen   121 Rubker Joint 4" Dia P. P.doz:   Dozen   122 Rubker Joint 3" Dia P. P.doz:   Dozen   123   Sluice Valve 12" Dia Heavy Each   pattern   test pressure 21 Kg.   124   Sluice Valve 10" Dia -do- Each	┝		
121   Rubker Joint 4" Dia P. P.doz:     Dozen     122   Rubker Joint 3" Dia P. P.doz:     Dozen     123   Sluice Valve 12" Dia Heavy Each     pattern     test pressure 21 Kg.     124     Sluice Valve 10" Dia -do- Each			0 Dia 1. 1.002.
Dozen P.doz:   122 Rubter Joint 3" Dia P. P.doz:   Dozen   123   Sluice Valve 12" Dia Heavy Each   pattern   test pressure 21 Kg.   124   Sluice Valve 10" Dia -do- Each			
122   Rubter Joint 3" Dia P. P.doz:     Dozen     123   Sluice Valve 12" Dia Heavy Each     pattern     test pressure 21 Kg.     124     Sluice Valve 10" Dia -do- Each			
Dozen   123 Sluice Valve 12" Dia Heavy Each   pattern test pressure 21 Kg.   124 Sluice Valve 10" Dia			
123   Sluice Valve   12" Dia Heavy   Each     pattern   test pressure 21 Kg.   124     124   Sluice Valve   10" Dia   -do-     125   Olwing Wiles Wiles All   0	'		
pattern test pressure 21 Kg. 124 Sluice Valve 10" Dia -do- Each	F		
test pressure 21 Kg. 124 Sluice Valve 10" Dia -do- Each	[		
124 Sluice Valve 10" Dia -do- Each			
		24	
125 Sluice Valve 8" Dia -do- Each		124  î	Turce varve 10" Dia -do- Each
120 Siulle valve 8" Dia -do- Each	H	25 0	
			Each Each
	L		

126	Sluice Valve 6" Dia Heavy pattern	/ Each			
127	do-	Each	<u>+</u>		
128	do-	Each	+		
129	do-	Each	+		-+
130	C.P Bib Cock 1" Dia Supper Quality	Each	<del> </del>		
	C.F Bib Cock 3/4" Dia	Each	┥──────		
	C.F Bib Cock 1/2" Dia	Each	·		
	Hock Sew Blade (P/Edge)	P.doz:	+ <u></u>		
	Welding rods (8&10 Nos) China made		<u> </u> -		
	M.S.Clamp 12" Dia with 1' breath	Each		-+	-
	M.S.Clamp 10" Dia - do-	Each	<u> </u>		-
	M.S.Clamp 8" Dia - do-	Each	<u> </u>		
	M.S.Clamp 6" Dia - do-	Each	<u>├ ─ ─</u>		+
	M.S.Clamp 5" Dia do-	Each		-+	+
140	M.S.Clamp 4" Dia - do-	Each			
141	M.S.Clamp 3" Dia -	Each			+
142	A.C Pipe "B" Class 16" Dia with Collar & Ring	P.Rft			
143	A.C Pipe "B" Class 12" Dia	P.Rft			+
144	A.C Pipe "B" Class 10" Dia	P.Rft			+
145 2	A.C Pipe "B" Class 8" Dia	P.Rft		_	
146 7	A.C Pipe "B" Class 6" Dia	P.Rft		-+	
147 J	A.C Pipe "B" Class 4" Dia	P.Rft			+
148 Z	A.C Pipe "B" Class 3" Dia	P.Rft	······		<u> </u>

~'[	149	A.C Socket "B" Class 16"	Each	<del></del>	<del>,</del>	·
È	、	LITS DOREC D CIASS 10	Lach			
- 1		Dia with pair of Ring				
ł	150	A.C Socket "B" Class 12"	<u> </u>			
	100	Dia	Each		[	
ŀ	151		T1. 1		L	
	101		Each			
ŀ	152	Dia A.C Socket "B" Class 8" Dia	<u> </u>			
	102	A.C SUCKEL B" Class 8" Dia	Each			
•	162	A.C Socket "B" Class 6" Dia				
	100	A.C SOCKEL "B" Class 6" Dia	Each			
ŀ	154	D C Cooket UDU Cl				
	тЭл	A.C Socket "B" Class 4" Dia	Each			
ŀ	1					
	132	A.C Socket "B" Class 3" Dia	Each			
┝	150		L			
	120	C Band 90 F/F 8" Dia	Each			
Ļ		Heavy Pattern				
	157	C Band 90 F/F 6" Dia -	Each			
L		do				
	158	C.I. Band 90 F/F 5" Dia -	Each			
Ĺ		do				
	159	C.I. Band 90 F/F 4" Dia -	Each			
		do-				
í	160	C.I. Band 90 F/F 3" Dia -	Each		·	
		do-			ſ	
	161	Nylon (Super Asia) Pipe 2"	P.Rft			
		Dia Super Quality				
Γ	162	Nylon (Super Asia) Pipe 1	P.Rft	· · · · · · · · · · · · · · · · · · ·		
		1/2" Dia				
		Nylon (Super Asia) Pipe 1	P.Rft		<u></u>	
		1/4" Dia				
F		Nylon (Super Asia) Pipe 1"	P.Rft		<u> </u>	
		Dia				
		Nylon (Super Asia) Pipe 3/4"	P.Rft	<u> </u>		
Į		Dia	1.11110			
$\vdash$		Nylon (Super Asia) Pipe	P.Rft	<u> </u>		
		1/2" Dia	IIIL			
		Old Rubber Tube (Motor	Each			
		Cycle)	EaCH			
		Empty Bag (50 Kg) (Old).	<u> </u>	<u> </u>		
			Each			
	169	Nut & Bolts of all sizes	P.Kg			
L						·

1 a.

、" 、	170	Dismatling/Excavation of	P.Cft		<u> </u>	<u> </u>
•	x	pipe line with specif:soft				:
-		soil & refilling the				
		excavated earth for all				
	171	sizes etc. complete Laying AC/MS & G.I Pipe				
	- · -	Special	P.RIt			
ľ	172	Making joints to C.I. Specials	P.ioint			
		fittings etc.	1. joine			
	173	Welding of Flange, Socket etc.	P.joint		+ — —	I
╞	177	Deliver				
		Reducer 6" x 4" Dia	Each			
	175	Reducer 6" x 3" Dia	Each			
ſ	176	Reducer 4" x 3" Dia	Each		┦───┥	
ľ	177	PVC tape 2" (Taiwan)	Each			
╞		Car.vas Pipe (Cloth Pipe) 4"				
		Dia	L . IVE C			
Γ	179	Carvas Pipe (Cloth Pipe) 3"	P.Rft			————
		Dia				
		Supplying Reflex Valve C.I	Each	· · · · · · · · · · · · · · · · · · ·		
-		8" Dia Adil				
		Supplying Reflex Valve C.I.	Each			
┝		<u>6" Dia</u> Supplying Reflex Valve C.I	Each			
		5" Dia	Lach			
F		Supplying Reflex Valve C.I	Each	<u> </u>		
		4" Dia	Hach			
Γ	184	Supplying Reflex Valve C.I	Each			
		3" Dia				
	185	Supplying Foot valve 8" dia	Each			
$\vdash$	186	Supplying Foot 1	<u> </u>			
		Supplying Foot valve 6" dia Adil	Each			
┢		Supplying Foot valve 5" dia	Each			
		The second secon	EaCI			
	188 3	Supplying Foot valve 4" dia	Each		——	
	189	Supplying Foot valve 3" dia	Each			
┣-	100					
		Supplying Foot valve 4"dia	Each			
-		Bross	<u> </u>			
		Supplying Foot valve 3"dia Bross	Each			
		Supplying Foot valve 2"dia	Each			
		Bross	Lacii			
<u> </u>			l			

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<b>, 1</b>	193	Supplying Foot valve 3" dia	<u> </u>			
-` -`			a Each			
•		Poly ethlene pipes				+
		(Dadoy Fatan in and				
ľ	194	(Dadex Enternil Ltd/ IIL) 20 mm 1/2" dia				
ŀ	195	25 mm 3/4" dia	P.Rft			
ŀ	196	32 mm 1" dia	P.Rft			
ŀ	197	40 mm 1 1/4" dia	P.Rft			
⊦	198	50 mm 1 1/2" dia	P.Rft			1
	199	63 mm 2" dia	P.Rft			1
┝		75 mm 2 1/2" dia	P.Rft			† — — — — I
-			P.Rft		<del></del> -	<u>├───</u> ┥
	201	C.I. Jaball Joint 16" dia	Each			<u>   </u>
ſ	202	C.I. Band 900 16" dia	Each	+		
ſ	203	C.I. Band 900 12" dia	Each	+		
┝	204	C.I. Band 900 10" dia				
L			Each			
	205	C.I. Band 900 8" dia	Each	+	+	
	206	C.I. Band 900 6" dia	Each	+	╺┾╴╸╸┥	
	207	C.I. Band 900 4" dia	Each	+	╃━━━┦	
		C.I. Band 900 3" dia	Each	<u> </u>	┾──┥	
	209 0	C.I. Band 450 8" dia	Each	<u> </u>	++	
	210 0	C.I. Band 450 6" dia	Each	{	┥ーー╽	
2	211 (	C.I. Band 450 4" dia	Each		+	
2		.I. Band 450 3" dia	Each	<u> </u>	┼──┤	
	213 C	.I.tale piece 16" dia	Each			
2		.I.tale piece 12" dia	Each		+	
		.I.tale piece 8" dia	Each		<u>  </u>	
2		.I.tale piece 6" dia	Each			
		.I.tale piece 4" dia	Each			
2		.I.tale piece 3" dia				
2		ubber Ring 16" dia	Each			
2		ubber Ring 12" dia	Each			
22		abber Ring 10" dia	Each			
Ĺ		abber Ring 8" dia	Each			
			Each			

* 223 Rubber Ring 6" dia	Each
224 Rubber Ring 4" dia	- <u></u>
· 225 Rubber Ring 3" dia	Each
226 Rubber Ring 2" dia	Each
	Each
	Each
	Each
229 Dead end 3" dia	Each
230 C.I. Tee FF 3x3x3" dia	Each
231 C.J. Tee FF 4x4x4" dia	Each
232 C.1. Tee FF 5x5x5" dia	Each
233 C.I. Tee FF 6x6x6" dia	Each
234 C.I. Tee FF 8x8x8" dia	Each
235 C.I. Tee 3x3x3" dia	Each
236 C.I. Tee 4x4x4" dia	Each
237 C.I. Tee 4x4x3" dia	Each
238 C.I. Tee 6x6x6" dia	Each
239 C.I. Tee 6x6x4" dia	
240 C.I. Tee 6x6x3" dia	Each
241 PVC pipe 8" dia B class	Each
approve quilty	s P.Rft
242 PVC pipe 6" dia B class	s P.Rft
approve guilty	
243 PVC pipe 4" dia B class	s P.Rft
244 PVC pipe 3" dia B class	S D D Ft
approve quilty	J F.RIC
245 Cuppling pin	P.doz:
246 Rubber Sheet	P.kg
247 Gress Packing (Glain Dori)	P.kg
248 RCC Pipe 18" dia ASTM	
	P.Rft
249 RCC Pipe 15" dia ASTM	P.Rft
250 RCC Pipe 12" dia ASTM	P.Rft
251 RCC Pipe 9" dia ASTM	P.Rft
252 Laying RCC Pipe	P.Rft
253 Repair of Sluce Valve 12"	P.job
dia (Chang of Spandle	
rod,Eush, glain) etc Complete	

	*	· · · · · · · · · · · · · · · · · · ·				
•	254	Repair of Sluce Valve 8" dia	P.job	<u> </u>	T	Γ
*	•	(Chang of Spandle rod, Bush,				
•		[ · · · · · · · · · · · · · · · · · · ·				
	255	glain) etc Complete				
	200	Repair of Sluce Valve 6" dia	1 -			
		(Chang of Spandle rod, Bush,				
		glain) etc Complete				
	256	Repair of Sluce Valve 4" dia	P.job	<u> </u>	t	
		(Chang of Spandle rod, Bush,				
		glain) etc Complete				
ſ	257	Repair of Sluce Valve 3" dia	P.job		┝───┤	
			, , , , , , , , , , , , , , , , , , ,			
i		(Chang of Spandle rod,Bush,			1 1	
	0.5.0	glain) etc Complete				
	258	Air Vale 3" double action	Each			
ŀ	259	Hand Dump make by 0 1/0 1				
	200	Hand Pump make by 2 1/2 dia III Pipe bross Cylender				
		I dette oyiondor				
		alongwith 60 Rft Nyloon Pipe			[ ]	i i
		1 1/4" dia (Super Asia)				
		including 10 Rft filter,				
		G.I. Pipe Nipple 1				
		1/4"dia ball pluh wooden etc				
		complete.				
		Mobil Oil (4 Littre tin)	P.tin			
	261	Supply of Grease (American	P.tin			
┝		made of equivalent).				
		Auto Level AT-G6 Topcon	P.Set			
	1	Japan complete set all				
$\vdash$		respect etc.				

Total (B) in words in figures:

Contractor

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Engineer -

Engineer – Town Committee Kandhra District Sukkur

# SUMMARY OF BILL OF QUANTITY

Supplying & Installing all kinds of Pipes on Various Water Supply Schemes & Drainage Schemes for Town Kandhra.

Cost of Bid	Amount
1. (A) Cost of based on Composite Schedule of Rates	
2. (B) Cost of based on Non/Offered Schedule of Rates.	2500000.00
TOTAL COST OF BID (C) = TOTAL (A) + TOTAL (B)	250000.00

Contractor

Engineer -**Town Committee Kandhra** 

n شب 2500000.00

Name of Work:-



o. 06 BIDDING DOCUMIENT STANDARD BIDDING DOCUMENT FOR PROCUREMENT OF WORKS

(For Contracts Costing upto Rs. 2.500 Million)

Name of Work	Purchase / Supply of Suzuki Pickup (Suzuk Company) or equalent for Town Kandhra
NIT No.	No. TC/113/2015 dated: 19.05.2015
Tender issued Mr./M/s	
Tender Fee	1500
D/R No.	
CD# & DT:	

Standard Bidding Documents is intended as a model for admeasurements (Percentage Rate/Unit price for unit rates in a Bill of Quantities types of Contract. The main text refers to admeasurements contract

### Instructions to Bidders/ Procuring Agencies.

### General Rules and Directions for the Guidance of Contractors

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and Contract Data.

The Instructions to Bidders will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. Fixed Price Contracts: The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. Conditional Offer: Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

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

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

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

8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.

9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

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

11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;

(A) In case of schedule rates, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.

(B) In case of item rates, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.

(C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

### **BIDDING DATA**

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

(a). Name of Procuring Agency	: Engineer, Town Committee Kandhra
(b). Brief Description of Works	: Purchase / Supply of Suzuki Pickup (Suzuki Company) or equalent for Town Kandhra
(c).Procuring Agency's address:-	: Town Committee Kandhra.
(d). Estimated Cost:-	: Rs. Quoted Rate

(e). Amount of Bid Security:- 2% (of Estimated Cost) (Fill in lump sum amount or in % age of bid amount /estimated cost, but not exceeding 5%)

(f).Period of Bid Validity (days):- 44 Days (Not more than sixty days).

(g). Security Deposit:-(including bid security):-2% Call Dep & 3% R.A bill. (in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills: -3% Sec. Dep. (7.50% Inc.Tax)

(i). Deadline for Submission of Bids along with time : 08.06.2015 at 2.00 pm

(j). Venue, Time, and Date of Bid Opening:- Town Committe Kandhra, 08.06.2015 3.00 pm

(k). Time for Completion from written order of commence: - 01 months

(L).Liquidity damages:-_____(0.05 of Estimated Cost or Bid cost per day of delay,

(m). Deposit Receipt No: _____ Dt: ____ Bank ____ Amount _____

(Executive Engineer/Authority issuing bidding document)

#### Conditions of Contract

**Clause** – 1:Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion or work except with the written authority and instructions of the Engineer-in-charge or of in subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the wok, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis.

**Clause – 2:Liquidated Damages.** The contractor shall pay liquidated damages to the Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Agency shall not exceed 10 per cert of the contract price. Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

### Clause - 3: Termination of the Contract.

(A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exits:-

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

(ii) The progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;

(iii) In the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.

(iv) Contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;

(B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-

- (i) To forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
- (ii) To finalize the work by measuring the work done by the contractor.

(C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-

(i) No claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract.

(ii) However, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid. Procuring Agency/Engineer may invite fresh bids for remaining work.

**Clause 4:** Possession of the site and claims for compensation for delay. The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/ compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly.

**Clause -5: Extension of Intended Completion Date.** The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

**Clause -6:** Specifications. The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

#### Clause - 7: Payments.

(A) Interim/Running Bill. A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as for as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

(B) The Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

Clause -8: Reduced Rates. In cases where the items of work are not accepted as so completed, the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

### Clause - 9: Issuance of Variation and Repeat Orders.

(A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.

(B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

(C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.

(D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contact work.

(E) In case of quantities of work executed result the Initial Contract Price to be exceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.

(F) Repeat Order: Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

### Clause-10: Quality Control.

(A) Identifying Defects: If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.

(B) Correction of Defects: The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.

### (C) Uncorrected Defects:

(i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

(ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

#### Clause – 11:

(A) Inspection of Operations. The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.

B) Dates for Inspection and Testing. The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

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

(A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;

(B) If any work is covered up or placed beyond the reach of measurement without such notice having been given the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

**Clause – 13: Risks**. The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or related services at the premises and of personal injury and death, which arise during and in consequence of its performance of the contract. if any damage is caused while the work is in progress or become apparent within three months of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

**Clause-14:** Measures for prevention of fire and safety measures. The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labour shall be paid by him.

**Clause-15:Sub-contracting.** The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it was employees of the contractor.

**Clause – 16: Disputes.** All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, the decision of the Superintending Engineer of the circle/officer/one grade higher to awarding authority shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, here in before mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

**Clause -17: Site Clearance.** On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-charge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose of the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

### Clause -18: Financial Assistance /Advance Payment.

(A) Mobilization advance is not allowed.

(B) Secured Advance against materials brought at site.

(i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;

(ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

Clause –19: Recovery as arrears of Land Revenue. Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

Clause -20: Refund of Security Deposit/Retention Money. On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

Contractor

Engineer – Town Committee Kandhra District Sukkur

### **BILL OF QUANTITIES**

# (A) Dexscription and rate of Items based on Composite Schedule of Rates.

Name of Work:-

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### Purchase / Supply of Suzuki Pickup (Suzuki Company) or equalent for Town Kandhra

Item No.	Description of Item to be executed at site			<u> </u>	
·	to be executed at site	Qty	Rate	Unit	Amount in Rupees
		+	<u> </u>		
1					+
Am	ount TOTAL	<u> </u>			
			l	_	

Promium quoted ----- % above/below (Company Rate/Lowest Quoted Rate) Total Amount

Rs.			
Rs.			 
Rs.		_	

Contractor

Marine Engineer

Town Committee Kandhra District Sukkur

# (B) Dexscription and rate of Items based on Market (Offered Rates).

Name of Work:-

٠

Purchase / Supply of Suzuki Pickup (Suzuki Company) or equalent for Town Kandhra

y of Suzuki Pickup (Suzuki Company) or equalent		 	Amount in Rupees
ool kit spare tyre transporation charges completed respectives. (L.Q.R)	1		
nt TOTAL		 	
	nt TOTAL		

Total (B) in words in figures:

Thoumin

Engineer Town Committee Kandhra District Sukkur

Contractor

# SUMMARY OF BILL OF QUANTITY

Name of Work:-

Purchase / Supply of Suzuki Pickup (Suzuki Company) or equalent for Town Kandhra

Cost of Bid

Amount

1. (A) Cost of based on Composite Schedule of Rates

2. (B) Cost of based on Non/Offered Schedule of Rates.

Quoted Rate

TOTAL COST OF BID (C) = TOTAL (A) + TOTAL (B)

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Town Committee Kandhra District Sukkur

Contractor



FOR PROCUREMENT OF WORKS

(For Contracts Costing upto Rs. 2.500 Million)

Name of Work	Purchase / Supply of Tractor (Massey Ferguson)240 HP or equalent for Town Kandhra.
NIT No.	No. TC/113/2015 dated: 19.05.2015
Tender issued Mr./M/s	
Tender Fee	1500
D/R No.	
CD# & DT:	

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# Instructions to Bidders/ Procuring Agencies.

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1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. Fixed Price Contracts: The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. Conditional Offer: Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

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

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

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

8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.

9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

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

11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;

(A) In case of schedule rates, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.

(B) In case of item rates, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.

(C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

### **BIDDING DATA**

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

(a). Name of Procuring Agency	: Engineer, Town Committee Kandhra
(b). Brief Description of Works	: Purchase / Supply of Tractor (Massey Ferguson)240 HP or equalent for Town Kandhra.
(c).Procuring Agency's address:-	: Town Committee Kandhra.
(d). Estimated Cost:-	: Rs. Qutoed Rate

(e). Amount of Bid Security:- 2% (of Estimated Cost) (Fill in lump sum amount or in % age of bid amount /estimated cost, but not exceeding 5%)

(f).Period of Bid Validity (days):- 44 Days (Not more than sixty days).

(g). Security Deposit:-(including bid security):-2% Call Dep & 3% R.A bill. (in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills: -3% Sec. Dep. (7.50% Inc. Tax)

(i). Deadline for Submission of Bids along with time : 08.06.2015 at 2.00 pm

(j). Venue, Time, and Date of Bid Opening:- Town Committe Kandhra, 08.06.2015 3.00 pm

(k). Time for Completion from written order of commence: - 01 months

(L).Liquidity damages:-_____(0.05 of Estimated Cost or Bid cost per day of delay,

(m). Deposit Receipt No: _____Dt: ____Bank _____Amount _____

### **Conditions of Contract**

**Clause** – 1:Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion or work except with the written authority and instructions of the Engineer-in-charge or of in subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the wok, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis.

**Clause – 2:Liquidated Damages.** The contractor shall pay liquidated damages to the Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Agency shall not exceed 10 per cert of the contract price. Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

### Clause - 3: Termination of the Contract.

(A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exits:-

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

(ii) The progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;

(iii) In the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.

(iv) Contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;

(B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-

- (i) To forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
- (ii) To finalize the work by measuring the work done by the contractor.

(C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-

(i) No claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract.

(ii) However, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid. Procuring Agency/Engineer may invite fresh bids for remaining work.

Clause 4: Possession of the site and claims for compensation for delay. The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/ compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly.

Clause -5: Extension of Intended Completion Date. The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

**Clause -6:** Specifications. The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

### Clause - 7: Payments.

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(A) Interim/Running Bill. A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as for as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

(B) The Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

Clause – 8: Reduced Rates. In cases where the items of work are not accepted as so completed, the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

# Clause - 9: Issuance of Variation and Repeat Orders.

(A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.

(B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

(C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.

(D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contact work.

(E) In case of quantities of work executed result the Initial Contract Price to be exceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.

(F) Repeat Order: Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

### Clause-10: Quality Control.

(A) Identifying Defects: If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.

(B) Correction of Defects: The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.

### (C) Uncorrected Defects:

(i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

(ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

### Clause - 11:

(A) Inspection of Operations. The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.

B) Dates for Inspection and Testing. The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

# Clause - 12: Examination of work before covering up.

(A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;
(B). If any work is covered up or placed beyond the reach of measurement without such notice having been given, the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

**Clause - 13: Risks**. The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or related services at the premises and of personal injury and death, which arise during and in consequence of its performance of the contract. if any damage is caused while the work is in progress or become apparent within three months of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

**Clause-14:** Measures for prevention of fire and safety measures. The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labour shall be paid by him.

**Clause-15:Sub-contracting.** The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor, his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it was employees of the contractor.

**Clause – 16: Disputes.** All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, the decision of the Superintending Engineer of the circle/cfficer/one grade higher to awarding authority shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, here in before mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

**Clause -17: Site Clearance.** On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-charge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose of the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

# Clause -18: Financial Assistance /Advance Payment.

(A) Mobilization advance is not allowed.

(B) Secured Advance against materials brought at site.

(i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;

(ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

Clause -19: Recovery as arrears of Land Revenue. Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

Clause -20: Refund of Security Deposit/Retention Money. On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

Contractor

Engineer — Town Committee Kandhra District Sukkur

#### BILL OF QUANTITIES

## (A) Dexscription and rate of Items based on Composite Schedule of Rates.

Name of Work:-

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:

#### Purchase / Supply of Tractor (Massey Ferguson)240 HP or equalent for Town Kandhra.

| Item No. | Description of Item to be executed at site | Qty      | Rate   | Unit                                  | Amount in Rupees |
|----------|--------------------------------------------|----------|--------|---------------------------------------|------------------|
|          |                                            |          | - Tale | <u> </u>                              | Amount in Rupees |
|          |                                            |          |        |                                       |                  |
|          |                                            |          |        | · · · · · · · · · · · · · · · · · · · | - <u> </u>       |
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|          |                                            |          |        | · · ·                                 |                  |
|          |                                            |          |        |                                       |                  |
|          |                                            |          |        |                                       |                  |
| Am       | Nount TOTAL                                |          | j      |                                       | · · ·            |

Premium quoted ------ % above/below (Company Rate/Lowest Quoted Rate) Total Amount

Rs.\_\_\_\_\_ Rs.\_\_\_\_\_ Rs.\_\_\_\_\_

Contractor

Engineer

Engineer Town Committee Kandhra District Sukkur

# (B) Dexscription and rate of Items based on Market (Offered Rates).

Name of Work:-

.

Purchase / Supply of Tractor (Massey Ferguson)240 HP or equalent for Town Kandhra.

| Item No. | executed at site                                                                                     | Qty | Rate |      | <u></u>          |
|----------|------------------------------------------------------------------------------------------------------|-----|------|------|------------------|
| 1        | Supply of Tractor (Massey Ferguson) or equalent with tocl kit transporation charges completed in all | 1   |      | Unit | Amount in Rupees |
|          |                                                                                                      |     |      |      | <u> </u>         |
|          | Amount TOTAL                                                                                         |     |      |      | <u> </u>         |
|          |                                                                                                      |     |      |      | <del> </del>     |

Total (B) in words in figures:

Engineer

Engineer Town Committee Kandhra District Sukkur

Contractor

### SUMMARY OF BILL OF QUANTITY

Name of Work:-

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Purchase / Supply of Tractor (Massey Ferguson)240 HP or equalent for Town Kandhra.

Cost of Bid

Amount

1. (A) Cost of based on Composite Schedule of Rates

2. (B) Cost of based on Non/Offered Schedule of Rates.

Quoted Rate

TOTAL COST OF BID (C) = TOTAL (A) + TOTAL (B)

- The anims Engineer

Contractor

Town Committee Kandhra District Sukkur



FOR PROCUREMENT OF WORKS

(For Contracts Costing upto Rs. 2.500 Million)

| Name of Work          | Purchase/Supply of Trolley (Hyderalic System) &<br>Water Boozer (Approved Quality) for Town<br>Kandhra. |
|-----------------------|---------------------------------------------------------------------------------------------------------|
| NIT No.               | No. TC/113/2015 dated: 19.05.2015                                                                       |
| Tender issued Mr./M/s |                                                                                                         |
| Tender Fee            | 1500                                                                                                    |
| D/R No.               |                                                                                                         |
| CD# & DT:             |                                                                                                         |

Standard Bidding Documents is intended as a model for admeasurements (Percentage Rate/Unit price for unit rates in a Bill of Quantities types of Contract. The main text refers to admeasurements contract

### Instructions to Bidders/ Procuring Agencies.

14

## General Rules and Directions for the Guidance of Contractors

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and Contract Data.

The Instructions to Bidders will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. Fixed Price Contracts: The Bid prices and rates are fixed during currency of contract and under no circumstarce shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. Conditional Offer: Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

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

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

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7. Biddets shall provide evidence of their eligibility as and when requested by the Procuring Agency.

8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.

9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

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

11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;

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(B) In case of item rates, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.

(C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

### BIDDING DATA

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

| (a). Name of Procuring Agency    | : Engineer, Town Committee Kandhra                                                                     |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| (b). Brief Description of Works  | : Purchase/Supply of Trolley (Hyderalic System) & Water<br>Boozer (Approved Quality) for Town Kandhra. |
| (c).Procuring Agency's address:- | : Town Committee Kandhra.                                                                              |
| (d). Estimated Cost:-            | : Rs. Qutoed Rate                                                                                      |

(e). Amount of Bid Security:- 2% (of Estimated Cost) (Fill in lump sum amount or in % age of bid amount /estimated cost, but not exceeding 5%)

(f).Period of Bid Validity (days):- 44 Days (Not more than sixty days).

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(g). Security Deposit:-(including bid security):-2% Call Dep & 3% R.A bill. (in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills: -3% Sec. Dep. (7.50% Inc. Tax)

(i). Deadline for Submission of Bids along with time : 08.06.2015 at 2.00 pm

(j). Venue, Time, and Date of Bid Opening:- Town Committe Kandhra, 08.06.2015 3.00 pm

(k). Time for Completion from written order of commence: - 01 months

(L).Liquidity damages:-\_\_\_\_\_(0.05 of Estimated Cost or Bid cost per day of delay,

(m). Deposit Receipt No: \_\_\_\_\_Dt: \_\_\_\_Bank \_\_\_\_\_Amount \_\_\_\_

### **Conditions of Contract**

**Clause** – **1**:Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion or work except with the written authority and instructions of the Engineer-in-charge or of in subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the wok, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis.

**Clause – 2:Liquidated Damages.** The contractor shall pay liquidated damages to the Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Agency shall not exceed 10 per cent of the contract price. Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

### Clause - 3: Termination of the Contract.

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(A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exits:-

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

(ii) The progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;

(iii) In the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.

(iv) Contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;

(B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-

- (i) To forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
- (ii) To finalize the work by measuring the work done by the contractor.

(C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-

(i) No claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract.

(ii) However, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid. Procuring Agency/Engineer may invite fresh bids for remaining work.

Clause 4: Possession of the site and claims for compensation for delay. The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/ compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly.

Clause -5: Extension of Intended Completion Date. The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

**Clause --6: Specifications.** The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

#### Clause - 7: Payments.

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(A) Interim/Running Bill. A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as for as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

(B) The Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

Clause -- 8: Reduced Rates. In cases where the items of work are not accepted as so completed, the Enginee:-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

# Clause - 9: Issuance of Variation and Repeat Orders.

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(A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.

(B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

(C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.

(D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contact work.

(E) In case of quantities of work executed result the Initial Contract Price to be exceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.

(F) Repeat Order: Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

### Clause-10: Quality Control.

(A) Identifying Defects: If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.

(B) Correction of Defects: The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.

#### (C) Uncorrected Defects:

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(i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

(ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

#### Clause - 11:

(A) Inspection of Operations. The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.

B) Dates for Inspection and Testing. The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

### Clause - 12: Examination of work before covering up.

(A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;

(B) If any work is covered up or placed beyond the reach of measurement without such notice having been given, the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

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**Clause -- 13: Risks.** The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or related services at the premises and of personal injury and death, which arise during and in consequence of its performance of the contract. if any damage is caused while the work is in progress or become apparent within three months of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

**Clause-14:** Measures for prevention of fire and safety measures. The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labour shall be paid by him.

**Clause-15:Sub-contracting.** The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor. his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it was employees of the contractor.

**Clause – 16: Disputes.** All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, the decision of the Superintending Engineer of the circle/officer/one grade higher to awarding authority shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, here in before mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

**Clause** --17: Site Clearance. On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-charge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose cf the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

# Clause -18: Financial Assistance /Advance Payment.

(A) Mobilization advance is not allowed.

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(B) Secured Advance against materials brought at site.

(i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;

(ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

Clause -19: Recovery as arrears of Land Revenue. Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

Clause -20: Refund of Security Deposit/Retention Money. On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

Contractor

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Engineer -Town Committee Kandhra District Sukkur

### BILL OF QUANTITIES

# (A) Dexscription and rate of Items based on Composite Schedule of Rates.

Name of Work:-

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Purchase/Supply of Trolley (Hyderalic System) & Water Boozer (Approved Quality) for Town Kandhra.

| Item No. | Description of Item to be executed at site | Qty | Rate | Unit |                  |
|----------|--------------------------------------------|-----|------|------|------------------|
| 1        |                                            |     |      |      | Amount in Rupees |
|          |                                            |     | -    |      |                  |
|          | Amount TOTAL                               |     |      |      | <u> </u>         |

Premium quoted ------ % above/below (Company Rate/Lowest Quoted Rate) Total Amount

| Rs. | _ |      |  |
|-----|---|------|--|
| Rs. |   |      |  |
| Rs. |   | <br> |  |

Contractor

| L St. annie            |
|------------------------|
| Engineer               |
| Town Committee Kandhra |
| District Sukkur        |

# (B) Dexscription and rate of Items based on Market (Offered Rates).

Name of Work:-

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Purchase/Supply of Trolley (Hyderalic System) & Water Boozer (Approved Quality) for Town <u>Kandhra.</u>

| Item No. | Description of Item to be executed at site                                            | 05       | <del></del> | <del></del> |                 |
|----------|---------------------------------------------------------------------------------------|----------|-------------|-------------|-----------------|
| 1        | Supply of Trolley (Hyderalic<br>System) completed in all<br>respectives. (L.Q.R)      | Qty<br>1 | Rate        | Unit        | Amount in Rupee |
| 2        | Supply of Water Boozer<br>(Approved Quality) completed in<br>all respectives. (L.Q.R) | 1        |             |             | +               |
|          | Anount TOTAL                                                                          |          |             |             |                 |

Total (B) in words in figures:

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Engineer Town Committee Kandhra **District Sukkur** 

Contractor

# SUMMARY OF BILL OF QUANTITY

Name of Work:-

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i.

Purchase/Supply of Trolley (Hyderalic System) & Water Boozer (Approved Quality) for Town Kandhra.

| Cost of Bid                                            | Amount    |
|--------------------------------------------------------|-----------|
| 1. (A) Cost of based on Composite Schedule of Rates    |           |
| 2. (B) Cost of based on Non/Offered Schedule of Rates. | 800000.00 |
| TOTAL COST OF BID (C) = TOTAL (A) + TOTAL (B)          | 800000.00 |

Contractor

Engineer Town Committee Kandhra District Sukkur