

DISTRICT COUNCIL KARACHI

NAME OF WORK:- >-

PROVIDING & LAYING WATER LINE AND REPAIR OF WATER LEAKAGES
AT MAIN MANGHOPIR ROAD AND MULLAH JAN GOTH, HAMZA GOTH &
ALLAH BACHAYO GOTH UC MANGHOPIR-I DCK.

DETAILS OF MEASUREMENT/ ABSTRACT

S. No	Description	Quantity	Rate	Unit	Amount
1	<p>Excavation for pipe lines in trenches and pits in all kinds of soil of murum i/c trimming and dressing sides to true alignment and shape leveling off beds of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as directed by Engineer Incharge. Providing fence guards, lights, flags and temporary crossings for non-vehicular traffic where ever required lift upto 5 ft. (1.52m) and lead up to one chain (30.5m). (PHS ,item No.5 P.No.62)</p> <p><u>0'-0" to 5'-0"</u></p> <p><u>2" Dia</u> > 10 x 100.0 x 2.5 x 3.0 = 7500 Cft</p> <p><u>3" Dia</u> > 1x (22 x 100.0 + 20.0)x 2.5 x 3.0 = 16650 Cft</p> <p><u>4" Dia</u> > 10 x 100.0 x 2.5 x 3.0 = 7500 Cft 31650 Cft</p>	31650 Cft	4650 / 00	%0 Cft	1,47,172 /=
2	<p>Providing Laying Upvc pressure pipes of class B (equivalent make fixing in trench i/c cutting fitting and jointing with "Z" joint with one rubber ring i/c testing with water to head 61 m or 200 ft. P/22 item no.E-1</p> <p><u>2" Dia</u> > 10 x 100.0 ----- = 1000 Rft</p> <p><u>3" Dia</u> > 1 x (22 x 100.0 + 20.0) ----- = 2220 Rft</p> <p><u>4" Dia</u> > 10 x 100.0 ----- = 1000 Rft</p>	1000 Rft 2220 Rft 1000 Rft	54 / 00 90 / 00 137 / 00	P / Rft P / Rft P / Rft	54,000 /= 1,99,800 /= 1,37,000 /=
3	<p>Cast Iron Sluice Valve Heavy Pattern (test pressure 300 lb/sq. inch (imported) (PHSMI No. 2 Page No. 9)</p> <p><u>2" Dia</u> > 1 x 2 Nos ----- = 2 Nos</p> <p><u>3" Dia</u> > 1 x 4 Nos ----- = 4 Nos</p> <p><u>4" Dia</u> > 1 x 2 Nos ----- = 2 Nos</p>	2 Nos 4 Nos 2 Nos	1500 / 00 4290 / 00 5460 / 00	Each Each Each	3,000 /= 17,160 /= 10,920 /=
4	<p>C.I. Short piece (PHSI No. 9 Page No. 15)</p> <p><u>3" Dia</u> > 1 x 8 Nos ----- = 8 Nos</p> <p><u>4" Dia</u> > 1 x 4 Nos ----- = 4 Nos</p>	8 Nos 4 Nos	375 / 00 487 / 50	Each Each	3,000 /= 1,948 /=

5	<p>Providing chamber 21/2x2 1/2 (750x750mm) inside dimension 4 1/2" (1372 mm) deep as per approved design for sluice valve 3" to 12" dia with 18" (457mm) dia inside cast iron cover and frame (wt=1 cwt. 3 qr) fixed in RCC 1:2:4 (102mm) thick (with 5 lbs steel per cft) 9" (299mm) thick brick masonry walls set in 1:6 cement concrete 6" (1152 mm) thick cement concrete 1:3:6 in foundation 1: (25mm) thick cement concrete 1:2:4 flooring 1/2" (25mm) thick cement concrete 1:2:4 flooring 1/2" (12.5mm) 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 ft. depth curing excavation back filling and disposal of surplus earth etc. complete (PHSI No. 5 Page No. 51).</p> <p>2" Dia > 1 x 2 Nos ----- = 2 Nos</p> <p>3" Dia > 1 x 4 Nos ----- = 4 Nos</p> <p>4" Dia > 1 x 2 Nos ----- = 2 Nos</p> <p style="text-align: right;">8 Nos</p>				
6	<p>Refilling of the excavated stuff in trenches 6" thick layers i/c watering ramming to full compacting etc complete (P.H.S.I. No. 24, P/77).</p> <p>Qty as item No.1 -----= 31650 Cft x 90 % = 28485 Cft</p>				
7	<p>Special fitting PVC (PHEDSCH P-18)</p> <p>Tee 2" Dia =>1 x 2 Nos ----- = 2 Nos</p> <p>Tee 3" Dia =>1 x 4 Nos ----- = 4 Nos</p> <p>Tee 4" Dia =>1 x 2 Nos ----- = 2 Nos</p>				
	<p>Elbow 2" Dia =>1 x 2 Nos ----- = 2 Nos</p> <p>Elbow 3" Dia =>1 x 2 Nos ----- = 4 Nos</p> <p>Elbow 4" Dia =>1 x 2 Nos ----- = 2 Nos</p>				
	<p>Socket 2" Dia =>1 x 2 Nos ----- = 2 Nos</p> <p>Socket 3" Dia =>1 x 2 Nos ----- = 4 Nos</p> <p>Socket 4" Dia =>1 x 2 Nos ----- = 2 Nos</p>				
	<p>End Plug 2" Dia =>1 x 2 Nos ----- = 2 Nos</p> <p>End Plug 3" Dia =>1 x 2 Nos ----- = 4 Nos</p> <p>End Plug 4" Dia =>1 x 2 Nos ----- = 2 Nos</p>				
	<p>Reduce Bush 2" Dia =>1 x 2 Nos ----- = 2 Nos</p> <p>Reduce Bush 3" Dia =>1 x 2 Nos ----- = 4 Nos</p> <p>Reduce Bush 4" Dia =>1 x 2 Nos ----- = 2 Nos</p>				
	<p>Bend 2" Dia =>1 x 2 Nos ----- = 2 Nos</p> <p>Bend 3" Dia =>1 x 2 Nos ----- = 2 Nos</p> <p>Bend 4" Dia =>1 x 2 Nos ----- = 2 Nos</p>				

	Tap Core / Socket 2" Dia =>1 x 2 Nos ----- = 2 Nos	2 Nos	55 / 00	Each	110 / =
	Tap Core / Socket 2" Dia =>1 x 2 Nos ----- = 4 Nos	4 Nos	350 / 00	Each	1,400 / =
	Tap Core / Socket 2" Dia =>1 x 2 Nos ----- = 2 Nos	2 Nos	450 / 00	Each	900 / =
8	Air valve double acting (local) PHSI No. 8 Page No. 18)				
	2" Dia => 1 x 1 Nos ----- = 1 Nos	1 Nos	1200 / 00	Each	1,200 / =
	3" Dia => 1 x 2 Nos ----- = 2 Nos	2 Nos	1700 / 00	Each	3,400 / =
	4" Dia => 1 x 2 Nos ----- = 2 Nos	2 Nos	4000 / 00	Each	8,000 / =
RS = 8,33,200 / =					
Add 20 % Above <u>Rs = 1,66,640 / =</u>					
Rs = 9,99,840 / =					
Say Rs = 9,99,800 / =					

SUB ENGINEER

A.E.E

EXECUTIVE ENGINEER

DISTRICT COUNCIL KARACHI

NAME OF WORK:- PROVIDING, LAYING, JOINTING SEWERAGE LINE & CLEANING & DESILTING OF MANHOLE & REPAIR OF MANHOLES AT FAQIRA GOTH UC GUJRO, DCK

MEASUREMENT / CUM ABSTRACT

Sr. No	Description	Quantity	Rate	Unit	Amount
1	<p>Cleaning inside sewerage lines completely restoring original silt free space / diameter of pipe lines by labour and equipment (Mechanically / electrically driven including accessories like pulley's steel rope bucket and draggers sizing from 6" to 18". Their to and fro pulling action (No of passes shall be as many as required) would be taken in two phases (First phase entire length from down stream to up stream) bringing down peak hours sewerage to flow inside pipe line (as free flow) and in second phase from up stream to down stream of entire length ensuring no silt is observed in buckets (6" dia to 18" dia) except only sewage waster and finally passing s steel ball of dia 12" lesser that the diameter of pipe but not exceeding 48" ball enen for larger dia pipe to ensure perfect cleaning. The job includes all the hire / cost of equipment and accessories of above winching machine / devices along with engines with winching drum set having steel rope pully mounted over it, steel bucket fro 6" to 18" dia hooks and other protection likes safety barriers, traffic signs, traffic cones ensuring no damage to pipe along with ensuring safety to abour and other public property / lives and removal of silts sold during desilting and clearance of site etc complete as per full satisfaction of site Engineer.</p> <p>12" dia ----- 1 x (43 x 100 + 96.0) = 4396 Rft</p>	4396 Rft	80 / 50	P / Rft	353878 /=-
2	<p>Cleaning and De-silting of manhall inspection chambers i/c cleaning and rodding of connected sewers (Average 50'-o) per manhole reconing sewage and solid wastes and throwing outside KMC limits (G.Schedule 2012 P-109/item 96).</p> <p>1 x 115 Nos = 115 Nos</p>	115 Nos	474/83	P.M hole	54605 /=-
3	<p>Excavation of pipe line in trenches and pits in all kind of soils i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within a one chain as directed by Engineer Incharge providing fence guards lights flags and temporary crossings for non-vehicular traffic where ever required lift upto 5 ft & lead upto one chain (PHED Sch P.No.62/5)</p> <p>2 x 100.0 x 3.0 x 3.75 = 2250 Cft</p>	2250 Cft	4650 / 00	‰Cft	10462 /=-
4	<p>Providing R.C.C pipes of rubbering joints and fixing in trenches i/c cutting fitting and jointing with rubber ring i/c testing with water to specified pressure (PHED Sch P-18/b(2))</p> <p>For 12" dia ></p> <p>2 x 100.0 = 200 Rft</p>	200 Rft	367 / 00	P Rft	73400 /=-
5	<p>Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete (PHED Sch P-No. 77/24)</p> <p>Qty item No.1 = 2250 Cft x 90 % = 2025 Cft</p>	2025 Cft	2760 / 00	‰ Cft	5589 /=-

6	Construction of Manhole 4 ft dia 5 ft depth (inner dimension) as per approved design of K.W & S.B including the cost of excavation, 6 inch thick C.C 1:4:8 using stone ballast 2 inch and done gauge 9 inch thick C.C. 1:2:4 plain walls with finishing refilling the excavated stuff around structure curing etc complete as per directed engineer incharge (R/A) 1 x 50 Nos = 50 Nos	50 Nos	11295 / 00	Each	564750 /=
7	Add or less depth beyond 5 ft depth in manhole etc complete (R.A) (-) 50 Nos x 2.5 = (-) 100 Rft	- 100 Rft	2510 / 00	P Rft	(-) 251000 /=
8	Manufacturing and supplying of precast RCC ring slab of 21" dia inner side and 36" dia outer side 7.5" width and 6" thick i/c 3/8" dia 8 Nos. cross link bars welded and two sunk type hooks casted in 1:1½:3 concrete with embedded 15kg CI frame in perfect position i/c transportation charges of average lead of 20km per trip from casting yard to town offices (a minimum of 25 slabs per trip will be transported) approved design of K.W.& W.B (PHED Sch P-No. 31/2) 1 x 50 Nos = 50 Nos	50 Nos	1906 / 60	Each	95330 /=
9	Manufacturing and supplying manhole cover cast in 1:2:4 concrete ration 3" deep at center, reinforced with 3/8" dia tor steel bars at 4" C.C welded to 1/8" thick 2.5" deep MS plate i/c curing, stacking and transportation within 10 miles. approved design of K.W.& W.B (W.S. Sch P-31 / 1 (a)) 21" dia 1 x 50 Nos = 50 Nos	50 Nos	913 / 63	Each	45682 /=

Rs = 952696 /=

Add 5 % Above in items Nos. 1,2,3,5,8 & 9 = 565546 /= x 5% Rs = 28277 /=

Add 15 % Above in items Nos 4 = 73400 /= x 15% Rs = 11010 /=

Rs = 991983 /=

Say Rs = 9,92,400 /=

SUB ENGINEER

A.E.E.

EXECUTIVE ENGINEER

(DISTRICT COUNCIL KARACHI)
ENGINEERING BRANCH

ANNUAL PROCUREMENT PLAN (WORKS, GOODS & SERVICES) FINANCIAL YEAR 2014-2015

01- General Schemes

Sr. No	Description of procurement	Quantity (where applicable)	Estimated unit cost (where applicable)	Estimated total cost	Funds allocated	Sources of ADP/NON ADP	Proposed procurement Method	Anticipated/ Actual date of Advertisement	Anticipated/ Actual Date of Start	Anticipated/ Actual Date of Completion
1.	Improvement / Repair of Sewerage Line, Cleaning / Desilting of Underground Sewerage, Supply of Manhole Covers, Ring Slabs, Raising of Manholes in different Union Councils of District Council, Karachi.	----	60,00,000/=	60,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
2.	Construction / Improvement patch work of metalled roads at UC Kathore, Allah Phai, Shah Mureed & Manghopir, Kharkharo, District Council Karachi	----	60,00,000/=	60,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
3.	Construction / Improvement patch work of metalled road at UC Gadap, Chohar, Mai Garhi, Darsano Channo, District Council, Karachi.	----	60,00,000/=	60,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
4.	Improvement of Water Supply Schemes by Repair of Water Supply Lines Borings Repair of Hand Pumps at different Union Councils of District Council Karachi.	----	60,00,000/=	60,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
5.	Construction of / Improvement of Metalled Road at District Council Karachi	----	9,46,900/=	9,46,900/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE

DISTRICT COUNCIL KARACHI

NAME OF WORK: REPAIR / MOTORABLE KATCHA / PACCA ROAD WITH SIDE BERMS AT MULLA RADHO GOTH TO ANGARA GOTH UC ALLAH PHAI, DCK.

MEASUREMENT / CUM ABSTRACT

S#	Description / Measurement	Quantity	Rate	Unit	Amount
1	<p>Earthwork for Road embankment by bulldozer including ploughing mixing clod breaking dressing and compacting with optimum moisture content lead upto 100 ft. and lift upto 5 ft. in all types of soil except rock. (ii) If earth work is done by other than departmental agency.(H.W Sch P-2 It-6a)</p> <p style="margin-left: 20px;"> $2 \times 3 \times 100 \times \frac{10.0 + 08.0}{2} \times 1.0 = 5400.00 \text{ cft.}$ $2 \times 100 \times \frac{18 + 16.0}{2} \times 1.0 = 3400.00 \text{ cft.}$ $4 \times 100 \times \frac{16 + 14.0}{2} \times 0.92 = 5520.00 \text{ cft.}$ $3 \times 100 \times \frac{18 + 15.0}{2} \times 1.0 = 4950.00 \text{ cft.}$ 19270.00 cft. </p>	19270.00 Cft.	11375/83	%oCft.	219212.00
2	<p>Providing sub-base by supplying and spreading stone metal 1-1/2", 2" gauge of approved quality from approved quarry in required thickness to proper camber and grade including hand packing filling voids with 10 cft: screening and nonplstic quarry fines of approved quality and gauge from approved source, watering & compacting to achieve 98-100% density as per modified AASHTO specifications. (Rate includes all cost of materials T&P and carriage upto 3 chains)</p> <p style="margin-left: 20px;"> $10 \times 6.0 \times 4.0 \times 0.75 = 45.00 \text{ cft.}$ $1 \times 100 \times 12.0 \times 0.75 = 900.00 \text{ cft.}$ $1 \times 90 \times 13.0 \times 0.75 = 878.00 \text{ cft.}$ $1 \times 55 \times 8.0 \times 0.75 = 248.00 \text{ cft.}$ $2 \times 20 \times 6.0 \times 0.75 = 180.00 \text{ cft.}$ 2251.00cft </p>	2251.00 cft.	4359/76	%Cft.	98138.00
3	<p>Providing and laying aggregate base course in proper grade and chamber having CBR 80% as per AASHTO standard specification i/c spreading and compacting by approved mechanical means (Motor grader, vibrator roller and smooth wheel roller etc. watering to maintain the moisture content the compaction nfo each layer shall 100 percent to the mix dry density (Rate i/c all cost of material T&P and carriage upto (H.W.Sch. P/4 I/13 (b)).</p> <p style="margin-left: 20px;"> $6 \times 4 \times 10.0 \times 0.50 = 120.00 \text{ cft.}$ $3 \times 100 \times \frac{16.0 + 18}{2} \times 0.50 = 2550.00 \text{ cft.}$ $1 \times 100 \times \frac{18.0 + 16}{2} \times 0.50 = 850.00 \text{ cft.}$ $4 \times 50 \times 12.0 \times 0.50 = 1200.00 \text{ cft.}$ $4 \times 100 \times \frac{18.0 + 16}{2} \times 0.50 = 3400.00 \text{ cft.}$ $3 \times 100 \times \frac{16.0 + 14}{2} \times 0.50 = 2250.00 \text{ cft.}$ 10370.00 cft. </p>	10370.00 cft.	6770/04	%Cft.	702053.00
TOTAL					1019403.00
Deduction 15% Below on item No. 01 (-)					32882.00
Deduction 7% on item No. 02 & 03 (-)					56013.00
TOTAL					930508.00
SAY					931000.00

Sub-Engineer

A.E.E.

Executive Engineer

SPPRA BIDDING DOCUMENT

STANDARD BIDDING DOCUMENT
PROCUREMENT OF WORKS
(For Contracts Costing up to Rs 2.5 MILLION)

**REPAIR / MOTORABLE KATCHA / PACCA ROAD WITH SIDE
BERMS AT MULLA RADHO GOTH TO ANGARA GOTH UC
ALLAH PHAI, DCK.**

Standard Bidding Document 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 contracts.

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 District Engineer District Council Karachi.

Brief Description of Works:- REPAIR / MOTORABLE KATCHA / PACCA ROAD WITH SIDE BERMS AT MULLA RADHO GOTH TO ANGARA GOTH UC ALLAH PHAI, DCK.

Procuring Agency's address:- District Council Karachi Opp.Dumba Goth Super Highway Karachi.

(b). Estimated Cost:- Rs.9,31,000/=

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

(d). Period of Bid Validity (days):-90 days(Not more than Ninety days).

(e). Security Deposit: -(including bid security) :-10%
(in % age of bid amount /estimated cost equal to 10%)

(f). Percentage, if any, to be deducted from bills :-Income Tax 7.50%

(g). Deadline for Submission of Bids along with time:- -11-2015 @ 02:00 P.M

(h). Venue, Time, and Date of Bid Opening:- -11-2015 @ 03:00 P.M above Address

(i). Time for Completion from written order of commence:-Two Months

(j). Liquidity damages:-NIL(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(k). Deposit Receipt No: Date: Amount: (in words and figures) Rs.1000/- (Rupees One Thousand Only)



(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 work, 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 exists:-
- (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 far 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 xceeded 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.

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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 were 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, hereinbefore 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.

Divisional Accounts Officer

Contractor

Executive Engineer/Procuring Agency

NAME OF WORK: **REPAIR / MOTORABLE KATCHA / PACCA ROAD WITH SIDE BERMS AT MULLA RADHO GOTH TO ANGARA GOTH UC ALLAH PHAI, DCK.**

BILL OF QUANTITIES

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

Sr. No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6
1	19270.00	Earthwork for Road embankment by bulldozer including ploughing mixing clod breaking dressing and compacting with optimum moisture content lead upto 100 ft. and lift upto 5 ft. in all types of soil except rock. (ii) If earth work is done by other than departmental agency.(H.W Sch P-2 It-6a)	11375/83	%oCft.	219212.00
2	2251.00	Providing sub-base by supplying and spreading stone metal 1-1/2", 2" gauge of approved quality from approved quarry in required thickness to proper camber and grade including hand packing filling voids with 10 cft: screening and nonplstic quarry fines of approved quality and gauge from approved source, watering & compacting to achieve 98-100% density as per modified AASHTO specifications. (Rate includes all cost of materials T&P and carriage upto 3 chains)	4359/76	%Cft.	98138.00
3	10370.00	Providing and laying aggregate base course in proper grade and chamber having CBR 80% as per AASHTO standard specification i/c spreading and compacting by approved mechanical means (Motor grader, vibrator roller and smooth wheel roller etc. watering to maintain the moisture content the compaction nfo each layer shall 100 percent to the mix dry density (Rate i/c all cost of material T&P and carriage upto (H.W.Sch. P/4 I/13 (b)).	6770/04	%Cft.	702053.00
4	7800.00	Providing / laying to proper line and grade 1 - 1/2" thick pre-mix carpet with paver machine, prepared to specified formula according to job mix formula approved by Engineer incharge including rolling and finishing to proper line, grade level and camber etc. (Rate all cost of materials T&P and carriage upto 3 chains (H.Way Sch P-8/20).	6682/84	%Sft.	521262.00

Amount Total (a) **Rs.10,19,403/=**

_____ % Above / Below on the rates of CSR.

Amount to be added / deducted on the basis

Of premium quoted

Total (b)

Total (A) = a+b in words & figures:

Contractor

Executive Engineer / Procuring Agency



Summary of Bill of Quantities

Cost of Bid

Amount _____

1. (A) Cost based on composite Schedule of Rate

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

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

Contractor



Executive Engineer / Procuring Agency

SPPRA BIDDING DOCUMENT

STANDARD BIDDING DOCUMENT
PROCUREMENT OF WORKS
(For Contracts Costing up to Rs 2.5 MILLION)

PROVIDING, LAYING, JOINTING SEWERAGE LINE & CLEANING
& DESILTING OF MANHOLE & REPAIR OF MANHOLES AT
FAQIRA GOTH UC GUJRO, DCK

Standard Bidding Document 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 contracts.

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 District Engineer District Council Karachi.

Brief Description of Works:- PROVIDING, LAYING, JOINTING SEWERAGE LINE & CLEANING & DESILTING OF MANHOLE & REPAIR OF MANHOLES AT FAQIRA GOTH UC GUJRO, DCK

Procuring Agency's address:- District Council Karachi Opp.Dumba Goth Super Highway Karachi.

(b). Estimated Cost:- Rs.9,92,400/=

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

(d). Period of Bid Validity (days):-90 days(Not more than Ninety days).

(e). Security Deposit: -(including bid security) :-10%
(in % age of bid amount /estimated cost equal to 10%)

(f). Percentage, if any, to be deducted from bills :-Income Tax 7.50%

(g). Deadline for Submission of Bids along with time:- -11-2015 @ 02:00 P.M

(h). Venue, Time, and Date of Bid Opening:- -11-2015 @ 03:00 P.M above Address

(i). Time for Completion from written order of commence:-Two Months

(j). Liquidity damages:-NIL(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(k). Deposit Receipt No: Date: Amount: (in words and figures) Rs.1000/- (Rupees One Thousand Only)



(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 work, 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 exists:-
- (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 far 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.

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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.
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- (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.

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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.

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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 were 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, hereinbefore 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.

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- (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.

Divisional Accounts Officer

Contractor

Executive Engineer/Procuring Agency

NAME OF WORK: **PROVIDING, LAYING, JOINTING SEWERAGE LINE & CLEANING & DESILTING OF MANHOLE & REPAIR OF MANHOLES AT FAQIRA GOTH UC GUJRO, DCK**

BILL OF QUANTITIES

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

Sr. No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6
1	4396 Rft	Cleaning inside sewerage lines completely restoring original silt free space / diameter of pipe lines by labour and equipment (Mechanically / electrically driven including accessories like pulley's steel rope bucket and draggers sizing from 6" to 18". Their to and fro pulling action (No of passes shall be as many as required) would be taken in two phases (First phase entire length from down stream to up stream) bringing down peak hours sewerage to flow inside pipe line (as free flow) and in second phase from up stream to down stream of entire length ensuring no silt is observed in buckets (6" dia to 18" dia) except only sewage waster and finally passing s steel ball of dia 12" lesser that the diameter of pipe but not exceeding 48" ball enen for larger dia pipe to ensure perfect cleaning. The job includes all the hire / cost of equipment and accessories of above winching machine / devices along with engines with winching drum set having steel rope pully mounted over it, steel bucket fro 6" to 18" dia hooks and other protection likes safety barriers, traffic signs, traffic cones ensuring no damage to pipe along with ensuring safety to abour and other public property / lives and removal of silts sold during desilting and clearance of site etc complete as per full satisfaction of site Engineer.	80 / 50	P / Rft	353878 /=
2	115 Nos	Cleaning and De-silting of manhall inspection chambers i/c cleaning and rodding of connected sewers (Average 50'-o) per manhole reconing sewage and solid wastes and throwing outside KMC limits (G.Schedule 2012 P-109/item 96).	474/83	P.M hole	54605 /=
3	2250 Cft	Excavation of pipe line in trenches and pits in all kind of soils i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within a one chain as directed by Engineer Incharge providing fence guards lights flags and temporary crossings for non-vehicular traffic where ever required lift upto 5 ft & lead upto one chain (PHED Sch P.No.62/5)	4650 / 00	%oCft	10462 /=
4	200 Rft	Providing R.C.C pipes of rubbering joints and fixing in trenches i/c cutting fitting and jointing with rubber ring i/c testing with water to specified pressure (PHED Sch P-18/b(2)) For 12" dia >	367 / 00	P Rft	73400 /=
5	2025 Cft	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete (PHED Sch P-No. 77/24)	2760 / 00	%o Cft	5589 /=

Cont...P/2

(-2-)

Sr. No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6
6	- 100 Rft	Add or less depth beyond 5 ft depth in manhole etc compete (R.A)	2510 / 00	P Rft	(-) 251000 / =
7	50 Nos	Manufacturing and supplying of precast RCC ring slab of 21" dia inner side and 36" dia outer side 7.5" width and 6" thick i/c 3/8" dia 8 Nos. cross link bars welded and two sunk type hooks casted in 1:1½:3 concrete with embedded 15kg CI frame in perfect position i/c transportation charges of average lead of 20km per trip from casting yard to town offices (a minimum of 25 slabs per trip will be transported) approved design of K.W.& W.B	1906 / 60	Each	95330 / =
8	50 Nos	Manufacturing and supplying manhole cover cast in 1:2:4 concrete ration 3" deep at center, reinforced with 3/8" dia tor steel bars at 4" C.C welded to 1/8" thick 2.5" deep MS plate i/c curing, stacking and transportation within 10 miles. approved design of K.W.& W.B 21" dia	913 / 63	Each	45682 / =

Amount Total (a) **Rs.9,52,696/=**

_____ % Above / Below on the rates of CSR.


Amount to be added / deducted on the basis

Of premium quoted

Total (b)

Total (A) = a+b in words & figures:

Contractor


Executive Engineer / Procuring Agency

Summary of Bill of Quantities

Cost of Bid

Amount_____

1. (A) Cost based on composite Schedule of Rate

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

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

Contractor



Executive Engineer / Procuring Agency

OFFICE OF THE DISTRICT COUNCIL KARACHI

No. D.C.K / Administrator. /2015 /

Dated: / /2015

TENDER NOTICE

(Through website of SPPRA)

The Tender in sealed covers are invited for the following work under SPPRA Rules-2010 from the firms having adequate experience in the relevant field. The tentative cost of work is under Rs. 1.00 Millions

Sr# No.	Subject	Estimate	Earnest Money	Tender Cost	Time Period
1	Providing, Laying, Jointing Sewerage Line & Cleaning & Desilting of Manhole & Repair of Manholes at Faqira Goth UC Gujro DCK	9,92,400/-	2%	1000	02 Months
2	Providing & Laying Water Line and Repair of Water Leakages at Main Manghopir Road and Mullah Jan Goth, Hamza Goth & Allah Bachayo Goth UC Manghopir-I DCK	9,99,800/-	2%	1000	02 Months
3	Repair / Motorable Katcha / Pacca Road with side berms at Mulla Radho Goth to Angara Goth UC Allah Phai, DCK	9,31,000/-	2%	1000	02 Months

TERMS & CONDITIONS

1-Tender Schedule shall be as follows:-

1	1-Receiving of Applications & Issuances of Tenders	_____ to _____	District Engineer , District Council Karachi
	2-Dropping of Tenders	_____ 2:00 PM	In the office of the District Engineer District Council Karachi
	3-Opening of Tender	_____ 3:00 PM	Tender opening Committee in the office of the District Engineer District Council Karachi
2	The Tender Document will be issued to contractor on the submission of written request on letter head and on payment of non-refundable cost of tender price through pay order from any schedule bank in favor of District Council Karachi as mentioned above .The photo Copy of P.E.C. Registration Certificate is not required up to 4:00 Million.		
3	Photo copy of Registration certificate with Sindh Revenue Board is required from all participants / contractors, otherwise tender will not be issued.		
4	In case of any reason, if the tenders are not responded on the above date the next date of submission & opening will be _____ at 3:00 pm and the tender documents will be available for sale from _____ to _____.		
5	In case the date of opening is declared as a public holiday by the government, the next official working day shall be deemed to the date for submission and opening of tenders of the same time as mentioned.		
6	2% of specified amount against each work in shape of Pay Order / Bank draft in favor of District Council Karachi shall be attached with the tender.		
7	Tenders in unsealed cover /without 2% earnest money will not be entertained and discarded.		
8	The single envelop procedure adopted for tender work as per SPPRA Rules		
9	The total bid amount as well as the rates of items must be filled both in figure and words and incase any correction is made by the contractor himself then each correction must be initialed by the contractor otherwise the tenders are liable to be summarily rejected		
10	If any fake documents are found then the tender is liable to be rejected-cancelled without any compensation but penalty will be imposed as per rules.		
11	Tender can be seen/download on Authority's web sites SPPRA .www.sppra.sindh.gov.pk.		
12	The procuring agency may reject all or any bid subject to the relevant provision of SPPRA Rules 2010.		

**ADMINISTRATOR
DISTRICT COUNCIL KARACHI**

DIRECTOR(CB)SPPRA,GOS.

With a request to upload on the website of SPPRA (Authority).

Copy to:

- 1-The Chief Officer, D.C.K
- 2-The District Engineer, D.C.K.
- 3-The Executive Engineer, D.C.K
- 4- The Accounts Officer D.C.K.
- 5- The P.S. to Managing Director, SPPRA.

**ADMINISTRATOR
DISTRICT COUNCIL KARACHI**

(DISTRICT COUNCIL KARACH)
ENGINEERING BRANCH

ANNUAL PROCUREMENT PLAN (WORKS, GOODS & SERVICES) FINANCIAL YEAR 2015-2016

01- Union Council No. 05 Allah Pai

1- Development & Up gradation of Water Supply Schemes

Sr. No	Description of procurement	Quantity (where applicable)	Estimated unit cost (where applicable)	Estimated total cost	Funds allocated	Sources of ADP/NON ADP	Proposed procurement Method	Anticipated/ Actual date of Advertisement	Anticipated/ Actual Date of Start	Anticipated/ Actual Date of Completion
1.	Providing Laying Water Supply Pipe Line & Pumping Machinery from Hub Dam To Safar Goth UC Allah Phai	----	15,00,000/=	15,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
2.	Providing Laying Water Supply Pipe Line at Shahdad Brohi Goth Deh Mahyo UC Allah Phai	----	15,00,000/=	15,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE

2- Metalled Roads / C C Road

1.	Construction of Metalled road at Noor Muhammad Brohi Goth (Phase-1) UC Allah phai.	----	30,00,000/=	30,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
2.	Construction / Improvement of Metalled Road at Sector 7-D Nazeer Sajid Street UC Maymarabad DCK	----	9,97,400/=	9,97,400/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
3.	Construction / Improvement of Metalled Road Ahsanabad Chowk UC Gujro DCK	----	9,99,000/=	9,99,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
4.	Construction / Improvement of Metalled Road at Near LN Agency Near Masjid UC Maymarabad DCK	----	9,99,200/=	9,99,200/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
5.	Construction / Improvement of Metalled Road at Main Road of Shahbaz Police Chowki to Allah Bux Goth UC Gujro DCK	----	9,98,000/=	9,98,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
6.	Construction / Improvement of Metalled Road at Surrounding aera of Sector 7-D Nazeer Sajid Street UC Maymarabad DCK	----	9,98,600/=	9,98,600/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
7.	Construction / Improvement of Metalled Road at Bab-ul Hawaj Imam Bargah to Sajid Street UC Gujro DCK	----	9,99,400/=	9,99,400/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
8.	Repair / Motorable Katcha Road with Side berms at Mullah Radho Goth to Angara Goth UC Allah Phai, DCK	----	9,31,000/=	9,31,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
9.	Repair / Motorable Katcha / Pacca Road with side berms at Muhammad Ali Goth to Bachal Goth UC Allah Phai, DCK	----	9,30,100/=	9,30,100/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE

3- Sewerage System

1.	Providing, Laying Jointing Sewerage Line & Cleaning & Desilting of Manhole & Repair of Manholes at Faqira Goth UC Gujro DCK	----	9,92,400/=	9,92,400/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
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(DISTRICT COUNCIL KARACH)

ANNUAL PROCUREMENT PLAN (WORKS, GOODS & SERVICES) FINANCIAL YEAR 2015-2016

UNION COUNCIL Manghopir-I

1- Metalled Road / C.C Roads

Sr. No	Description of procurement	Quantity (where applicable)	Estimated unit cost (where applicable)	Estimated total cost	Funds allocated	Sources of ADP/NON ADP	Proposed procurement Method	Anticipated/ Actual date of Advertisement	Anticipated/ Actual Date of Start	Anticipated/ Actual Date of Completion
1.	Construction of C.C. Flooring at Allana Muhallah Garam Chashma UC-Manghopir-I	----	7,00,000/=	7,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
2.	Construction of Metalled Raod at Allah bachayo Goth UC Manghopir-I	----	30,00,000/=	30,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
3.	Construction / Improvement of Metalled Road Near Union Council office UC Manghopir-I D.C.K.	----	9,97,000/=	9,97,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
4.	Construction / Improvement of Metalled Road Near Police Station UC Manghopir-I D.C.K.	----	9,97,500/=	9,97,500/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
5.	Improvement of Road and Filling of Pot holes Motorable the road Rahim Goth & Graveyard Road UC Yousuf Goth.	----	9,30,500/=	9,30,500/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
6.	Construction / Improvement of Metalled Road at Siraj-un-Muneer Masjid UC Manghopir-I, D.C.K.	----	9,99,000/=	9,99,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
7.	Construction / Improvement of Metalled Road at Taxi Stand UC Manghopir-I D.C.K.	----	9,99,400/=	9,99,400/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
8.	Construction / Improvement of Metalled Road near Main Garam Chashma Road UC Manghopir-I, D.C.K.	----	9,98,000/=	9,98,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE

2- Sewerage System

Sr. No	Description of procurement	Quantity (where applicable)	Estimated unit cost (where applicable)	Estimated total cost	Funds allocated	Sources of ADP/NON ADP	Proposed procurement Method	Anticipated/ Actual date of Advertisement	Anticipated/ Actual Date of Start	Anticipated/ Actual Date of Completion
1	P/L/J/T Sewerage Line at Moon City Mullah Jam Goth UC Manghopir -I	----	25,00,000/=	25,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
2	P/L/J/T Sewerage Line & Construction of C.C. Floor at Mari Goth & Haroonabad UC Manghopir -I	----	20,00,000/=	20,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
3	P/L/J/T Sewerage Line at Alnoor Colony Near Umer Goth UC Manghopir-I	----	10,00,000/=	10,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
4	Providing / Laying Sewerage Line at Main Garam Chashma Road UC Manghopir-I D.C.K.	----	9,90,000/=	9,90,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
5	Hiring Charges of Machinery & filling of pot holes aggregate & P/L Sewerage Line and repair of Water leakages at Surrounding area of Imam Bargah Ummuul-Binin, Qamar-e-Bani Hashim & Ahsanabad Chowk Near Babul Hawi-ij to Ayoub Goth UC Gujro D.C.K.	----	9,30,500/=	9,30,500/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
6	Providing, Laying, Jointing Sewerage Line & Cleaning Desilting of Manhole & Repair of Manholes at Allah Bux Goth & Maree Goth UC Manghopir-I	----	9,92,100/=	9,92,100/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE

3- Repair of Sewerage System & Drains

Sr. No	Description of procurement	Quantity (where applicable)	Estimated unit cost (where applicable)	Estimated total cost	Funds allocated	Sources of ADP/NON ADP	Proposed procurement Method	Anticipated/ Actual date of Advertisement	Anticipated/ Actual Date of Start	Anticipated/ Actual Date of Completion
1.	Improvement of Sewerage Network by Cleaning of Underground Sewer, Replacement of choked pipes, raising of manholes in different streets of UC Yousuf Goth & UC Maymarabad	----	10,00,000/=	10,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
2	Cleaning & Desilting of Nallah at Yousuf Goth	----	10,00,000/=	10,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
3	Cleaning & Desilting of Nallah at Maymarabad	----	10,00,000/=	10,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
4	Cleaning & Desilting of Nallah along main road of Surjani Town	----	10,00,000/=	10,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
5	Cleaning & Desilting of Nallah at Sector-7/B Surjani Town	----	10,00,000/=	10,00,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
6	Cleaning & desilting & providing laying sewerage line and filling in depressin in Yaqoob Shah Basti UC Manghopir-I	--	9,99,000/-	9,99,000/-	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
7.	Supplying & Fixing Manhole Cover & Raising at Surrounding areas of Imam Bargahs of UC Gujro, UC Manghopir, UC	----	9,99,200/=	9,99,200/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE

4- Water Supply Schemes

Sr. No	Description of procurement	Quantity (where applicable)	Estimated unit cost (where applicable)	Estimated total cost	Funds allocated	Sources of ADP/NON ADP	Proposed procurement Method	Anticipated/ Actual date of Advertisement	Anticipated/ Actual Date of Start	Anticipated/ Actual Date of Completion
1.	Providing & Laying Water Supply line at repair of Water Leakages at Yaqoob Shah Basti UC Manghopir-I	----	7,90,000/=	7,90,000/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE
2.	Providing & Laying Water Line and Repair of Water Leakages at Main Manghopir Road and Mullah Jan Goth, Hamza Goth & Allah Bachayo Goth UC Manghopir-I DCK	----	9,99,800/=	9,99,800/=	Own Source	Non ADP	As Per SPPRA Rule 15b & 16	IN-DUE COURSE	IN-DUE COURSE	IN-DUE COURSE

SPPRA BIDDING DOCUMENT

STANDARD BIDDING DOCUMENT
PROCUREMENT OF WORKS
(For Contracts Costing up to Rs 2.5 MILLION)

**PROVIDING & LAYING WATER LINE AND REPAIR OF WATER
LEAKAGES AT MAIN MANGHOPIR ROAD AND MULLAH JAN GOTH,
HAMZA GOTH & ALLAH BACHAYO GOTH UC MANGHOPIR-I DCK.**

Standard Bidding Document 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 contracts.

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 District Engineer District Council Karachi.

Brief Description of Works:- PROVIDING & LAYING WATER LINE AND REPAIR OF WATER LEAKAGES AT MAIN MANGHOPIR ROAD AND MULLAH JAN GOTH, HAMZA GOTH & ALLAH BACHAYO GOTH UC MANGHOPIR-I DCK.

Procuring Agency's address:- District Council Karachi Opp.Dumba Goth Super Highway Karachi.

(b). Estimated Cost:- Rs.9,99,800/=

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

(d). Period of Bid Validity (days):-90 days(Not more than Ninety days).

(e). Security Deposit: -(including bid security) :-10%
(in % age of bid amount /estimated cost equal to 10%)

(f). Percentage, if any, to be deducted from bills :-Income Tax 7.50%

(g). Deadline for Submission of Bids along with time:- -11-2015 @ 02:00 P.M

(h). Venue, Time, and Date of Bid Opening:- -11-2015 @ 03:00 P.M above Address

(i). Time for Completion from written order of commence:-Two Months

(j). Liquidity damages:-NIL(0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(k). Deposit Receipt No: Date: Amount: (in words and figures) Rs.1000/- (Rupees One Thousand Only)



(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 work, 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 exists:-
- (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 far 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 xceeded 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 were 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, hereinbefore 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.

Divisional Accounts Officer

Contractor

Executive Engineer/Procuring Agency

NAME OF WORK: **PROVIDING & LAYING WATER LINE AND REPAIR OF WATER LEAKAGES AT MAIN MANGHOPIR ROAD AND MULLAH JAN GOTH, HAMZA GOTH & ALLAH BACHAYO GOTH UC MANGHOPIR-I DCK.**

BILL OF QUANTITIES

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

Sr. No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6
1	31650 Cft	Excavation for pipe lines in trenches and pits in all kinds of soil of murum i/c trimming and dressing sides to true alignment and shape leveling off beds of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as directed by Engineer Incharge. Providing fence guards, lights, flags and temporary crossings for non-vehicular traffic where ever required lift upto 5 ft. (1.52m) and lead up to one chain (30.5m). (PHS ,item No.5 P.No.62)	4650 / 00	%0 Cft	1,47,172 /=-
2	1000 Rft 2220 Rft 1000 Rft	Providing Laying Upvc pressure pipes of class B (equivalent make fixing in trench i/c cutting fitting and jointing with "Z" joint with one rubber ring i/c testing with water to head 61 m or 200 ft. P/22 item no.E-1 <u>2" Dia ></u> <u>3" Dia ></u> <u>4" Dia ></u>	54 / 00 90 / 00 137 / 00	P / Rft P / Rft P / Rft	54,000 /=- 1,99,800 /=- 1,37,000 /=-
3	2 Nos 4 Nos 2 Nos	Cast Iron Sluice Valve Heavy Pattern (test pressure 300 lb/sq. inch (imported) (PHSMI No. 2 Page No. 9) <u>2" Dia ></u> <u>3" Dia ></u> <u>4" Dia ></u>	1500 / 00 4290 / 00 5460 / 00	Each Each Each	3,000 /=- 17,160 /=- 10,920 /=-
4	8 Nos 4 Nos	C.I. Short piece (PHSI No. 9 Page No. 15) <u>3" Dia ></u> <u>4" Dia ></u>	375 / 00 487 / 50	Each Each	3,000 /=- 1,948 /=-
5	8 Nos	Providing chamber 21/2x2 1/2 (750x750mm) inside dimension 4 1/2" (1372 mm) deep as per approved design for sluice valve 3" to 12" dia with 18" (457mm) dia inside cost iron cover and frame (wt=1 cwt. 3 qr) fixed in RCC 1:2:4 (102mm) thick (with 5 lbs steel per cft) 9" (299mm) thick brick masonry walls set in 1:6 cement concrete 6" (1152 mm) thick cement concrete 1:3:6 in foundation 1: (25mm) thick cement concrete 1:2:4 flooring 1/2" (25mm) thick cement concrete 1:2:4 flooring 1/2" (12.5mm) 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 ft. depth curing excavation back filling and disposal of surplus earth etc. complete (PHSI No. 5 Page No. 51). <u>4" Dia ></u>	18820 / 00	Each	1,50,560 /=-
6	28485 Cft	Refilling of the excavated stuff in trenches 6" thick layers i/c watering ramming to full compacting etc complete (P.H.S.I. No. 24, P/77). Qty as item No.1 -----= 90 %	2760 / 00	%0 Cft	78,618 /=-
7	2 Nos 4 Nos 2 Nos	Special fitting PVC (PHEDSCH P-18) Tee 2" Dia => Tee 3" Dia => Tee 4" Dia =>	159 / 00 361 / 00 725 / 00	Each Each Each	318 /=- 1,444 /=- 1,450 /=-
	2 Nos 4 Nos 2 Nos	Elbow 2" Elbow 3" Elbow 4"	225 / 00 350 / 00 577 / 00	Each Each Each	450 /=- 1,400 /=- 1,154 /=-
	2 Nos 4 Nos 2 Nos	Socket 2" Socket 3" Socket 4"	98 / 00 350 / 00 500 / 00	Each Each Each	196 /=- 1,400 /=- 1,000 /=-

Cont...P/2

Sr. No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6
	2 Nos 4 Nos 2 Nos	End Plug 2" End Plug 3" End Plug 4"	85 / 00 175 / 00 200 / 00	Each Each Each	170 / = 700 / = 400 / =
	2 Nos 4 Nos 2 Nos	Reduce Bush 2" Dia => Reduce Bush 3" Dia => Reduce Bush 4" Dia =>	80 / 00 200 / 00 225 / 00	Each Each Each	160 / = 400 / = 450 / =
	2 Nos 4 Nos 2 Nos	Bend 2" Dia => Bend 3" Dia => Bend 4" Dia =>	160 / 00 475 / 00 850 / 00	Each Each Each	320 / = 1,900 / = 1,700 / =
	2 Nos 4 Nos 2 Nos	Tap Core / Socket 2" Dia Tap Core / Socket 2" Dia Tap Core / Socket 2" Dia	55 / 00 350 / 00 450 / 00	Each Each Each	110 / = 1,400 / = 900 / =
8		Air valve double acting (local) PHSI No. 8 Page No. 18)			
	1 Nos 2 Nos 2 Nos	2" Dia 3" Dia 4" Dia	1200 / 00 1700 / 00 4000 / 00	Each Each Each	1,200 / = 3,400 / = 8,000 / =

Amount Total (a) **Rs.8,33,200/=**

_____ % Above / Below on the rates of CSR.

Amount to be added / deducted on the basis

Of premium quoted Total (b) _____

Total (A) = a+b in words & figures: _____

Contractor



Executive Engineer / Procuring Agency

Summary of Bill of Quantities

Cost of Bid


Amount_____

1. (A) Cost based on composite Schedule of Rate

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

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

Contractor


Executive Engineer / Procuring Agency