

Bids Schedule

For

TENDER NO. P&S/25.01/6172-Improvement / Replacement of Sewerage System from Canal Road, Punjab College to Good Luck Bakers, Ilyas Colony, Faiz Road, Old Muslim Town, Lahore

Sr. No	Description	Qty	Unit	Rate	Amount
	Rate Based on MRS 2nd Bi-Annual Period (1st July to 21 Dec, 2019) LD				
1	Dismantling and removing road metalling (Chap-4, Page-37, Item-45)	19,216.89	%Cft	1,252.40	240,672.33
2	Earthwork excavation in open cutting for sewers and manholes as shown in drawings including shuttering and timbering, dressing to correct section and dimensions according to templates and levels, and removing surface water, in all types of soil except shingle, gravel and rock:- (Chap-3, Page-32, Item-42-i) i) 0 ft. to 7.0 ft. depth (WOS) ii) 7-01 ft. to 15.0 ft. depth (WOS)	113,141.35 58,740.15	%OCft	5,124.30	579,770.22
3	Dry-rammed brick or stone ballast, 1½" to 2" (40mm to 50mm) gauge. (Chap-6, Page-41, Item-2)	16,352.89	%Cft	4,262.30	697,009.23
4	Cement concrete brick or stone ballast 1½" to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (d) Ratio 1:6:12 (Chap-6, Page-41, Item-3)	2,538.64	%Cft	11,616.05	294,889.69
5	Providing and laying R.C.C pipe sewres, moulded with cement concrete 1:1½":3 conforming to ASTM Specification C-76-79, Class III, Wall B, including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc, complete. (Chap-21, Page-121, Item-4) i) 310mm (12") i/d iii) 460mm (18") i/d	2,200.00 2,600.00	P/Rft	571.35	1,256,970.00
6	Providing and laying 225 mm (9") i/d R.C.C pipe moulded with cement concrete 1:1½":3 with spigot socket or collar joint, etc, including cost of reinforcement, conforming to B.S. 5911:Part 1: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing etc, complete. (Chap-21, Page-121, Item-1-iii)	480.00	P/Rft	359.20	172,416.00
7	Pacca brick work other than building upto 10ft. (3 m) height i). cement, sand mortar:- Ratio 1:3 + Extra for pacca brick work in steining of wells or any other circular masonry. (Chap-7, Page-52, Item-7&10)	8,865.41	%Cft	24,709.55	2,190,602.92
8	Cement plaster 1:3 upto 20' (6.00m) height :-b) ½" (13 mm) thick (Chap-11, Page-72, Item-8/b)	12,228.92	%Sft	2,000.05	244,584.51
9	Cement pointing flush upto 20' (6.00m) height :-a) Ratio 1:2 (Chap-11, Page-72, Item-16/a)	8,719.64	%Sft	1,861.80	162,342.26
10	Cement concrete plain including placing, compacting, finishing & curing complete (i/c screening and washing of stone aggregate): (f) Ratio 1:2:4 (Chap-6, Page-41&42, Item-15/f)	1,877.07	%Cft	23,184.20	435,183.66
11	Bailing out water:-b) by pump (Chap-26, Page-161, Item-35-b)	504,000.00	%OCft	484.35	244,112.40

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Sr. No	Description	Qty	Unit	Rate	Amount
1	Providing and fixing 6" thick R.C.C manhole cover with tee shaped C.I frame of 22" i/d (frame weighing 37.324 Kg or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect. (Chap-21, Page-123, Item-15-A)	79.00	P/Set	7,843.85	619,664.15
13	Rehandling of earthwork: a) Lead upto single throw of Kassi, phaorah or shovel Compaction of earthwork (soft, ordinary or hard soil) (Chap-3, Page-28,30, Item-13/a,24/a&c)	120,317.05	%0Cft	1,565.50	188,356.34
14	Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. upto 5 mile (Chap-3, Page-29, Item-17)	51,564.45	%0Cft	7,172.80	369,861.49
TOTAL STANDARD ITEMS (RS)					10,489,930.85
% Above / Below on MRS 2019 Bi-Annual-II					
NON-STANDARD ITEMS					
1	Providing Fixing M.I Steps	422.00	Each		
2	Making connection of proposed sewer line with existing sewer line, complete in all respects. 9" i/d	30.00	Each		
	12" i/d	5.00	Each		
	18" i/d	3.00	Each		
3	Construction of gully grating chamber 2'x1.5' i/c cost of hinged type gully grating 2'x1.5' outer frame made of angle iron 2.5"x2.5"x.25" and inner frame made of angle iron size 2"x2"x.25", .75" Sq. bars fitted on upper frame @1.5" centre to centre	30.00	Each		
4	Shifting of sewer house connections from old line to newly laid sewer line complete in all respects.	160.00	Each		
TOTAL NON-STANDARD ITEMS (RS)					
TOTAL STANDARD ITEMS (RS)					
GRAND TOTAL (RS)					

Name of Firm _____
 Address _____
 Signature _____

SOPs for As Built Drawings of Sewerage System

No final bill of any development work shall be cleared by the Finance Directorate WASA, LDA till the submission of As Built Drawings by the executing directorate and their clearance by the Director Planning & Design, WASA, LDA, Lahore. The GIS section shall incorporate the As Built Drawings in the existing GIS database of the organisation. The Director (P&D) shall intimate the Director Finance regarding the clearance of As Built Drawings. In order to facilitate the incorporation of the As Built Drawings into GIS and their clearance from the Planning and Design Directorate, WASA, the drawings must conform to the following criteria:

1. As Built drawings should be drawn to an appropriate scale with a reference coordinate system.
2. Free hand drawings or drawings not to the scale shall not be accepted.
3. In case of disposal/lift stations, drawings should have GPS coordinates, detail of pumping machinery and pipe material showing:
 - i) Discharge capacity
 - ii) Motor manufacturer's name, Horse Power, RPM
 - iii) Pump manufacturer's name, Pump Capacity, Head
 - iv) Transformer manufacturer's name, KVA
 - v) Motor Control Unit manufacturer's name, details
 - vi) **Force Main:** Length, size & material
 - vii) **Bar Screen:** Length, size & material
 - viii) **Penstock Gate:** Length, size & material
4. Sewer Lines and Manholes drawings should have the following information:
 - i) Invert level of sewer with respect to the Natural Surface Level (NSL)/ Mean Sea Level (MSL) w.r.t. Survey of Pakistan Benchmarks, whichever is available.
 - ii) Sewer size and length
 - iii) Starting / Ending Point, all vertices / bends
 - iv) Material of sewer & flow direction*
 - v) Size & GPS Coordinates of Manhole
 - vi) Depth of Manhole w.r.t. NSL/MSL
5. Where applicable, building drawing and internal structure detail drawings should be in AutoCAD format.
6. Standardized legends should be mentioned on the drawing sheets.
7. Drawing sheet must be duly signed by:
 - i) Sub Engineer
 - ii) SDO/JCE
 - iii) XEN/SCE
8. Covering letter by the relevant Director/XEN should be attached with drawings.

9. Drawings should contain the following contract details:

- i) Name of Project
- ii) Contract No.
- iii) Name of Contractor
- iv) Start & Completion Date

10. All data used in making the Drawings must be submitted in soft format/ GIS vector files in a CD/DVD/USB drive or other storage medium enclosed.

11. Any additional information that may be deemed necessary by the GIS Team and approved by Director (P&D), must be made available in order to receive final clearance by the Director (P&D).

Time Frame for checking of drawings is:

- i) Time duration for study of drawings by GIS team is 3 working days from the date of receipt submission/re-submission.
- ii) Time duration for checking/clearing of drawings by Director (P&D) is 24-48 hours, after receipt from the GIS section.

Integrity Pact

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE CONTRACTORS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS.10.00 MILLION OR MORE

Contract Number: _____ Dated: _____
Contract Value: _____
Contract Title: _____

[name of Contractor] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoP) through any corrupt business practice.

Without limiting the generality of the foregoing **[name of Contractor]** represents and warrants that it has fully declared the brokerage, commission, fee etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultations fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

[name of Contractor] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representative or warranty.

[name of Contractor] accepts full responsibility and strict liability for making and false declaration, not making full disclosure, misrepresenting fact or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, **[name of Contractor]** agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by **[name of Contractor]** as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

[Buyer]

[Seller/Contractor]