

Bids Schedule

For

**TENDER NO. P&S/25.01/6174-Improvement of Water Supply System at Bhakiwal Village & Nizam Block
Allama Iqbal 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 cement concrete 1:2:4 plain (Chap-4, Page-35, Item-19/c)	13,937.50	%Cft ✓	6,888.30 ✓	960,056.81 ✓
2	Excavation of trenches in all kinds of soil except cutting rock, for water supply pipelines upto 5 ft. (1.5 m) depth from ground level, including trimming, dressing sides, levelling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects. (Chap-3, Page-33, Item-44)	92,687.50	%0Cft ✓	4,709.75 ✓	436,534.95 ✓
3	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE-100) working pressure pipe in trenches complete in all respects:- (Chap-3, Page-139-140, Item-42) a) PN-8 (SDR-21)				
	ii) 4" i/d (110mm)	4,500.00	P/Rft ✓	200.55 ✓	902,475.00 ✓
	iv) 6" i/d (160mm)	3,500.00	P/Rft ✓	411.85 ✓	1,441,475.00 ✓
	v) 8" i/d (200mm)	2,500.00	P/Rft ✓	638.95 ✓	1,597,375.00 ✓
	vi) 10" i/d (250mm)	2,500.00	P/Rft ✓	941.65 ✓	2,354,125.00 ✓
4	Providing, laying, cutting, jointing, testing and disinfecting G.I pipeline in trenches, with socket joints, using G.I pipes of B.S.S 1387-1967 complete in all respects with specials and valves. li) Medium Quality (Chap-23, Page-133, Item-22-ii)	1,000.00	P/Rft ✓	744.30 ✓	744,300.00 ✓
	i) 4" i/d (100 mm) 4.5mm thick				
5	Providing and fixing sluice vavle of B.S.S quality and weight Class 'B' for cast iron pipe line and Asbestos cement pipe line (including cost of jointing material) (Chap-23, Page-137, Item-30)				
	b) 4" i/d (100mm)	22.00	Each ✓	8,009.00 ✓	176,198.00 ✓
	d) 6" i/d (150mm)	12.00	Each ✓	13,297.85 ✓	159,574.20 ✓
	e) 8" i/d (200mm)	8.00	Each ✓	23,095.90 ✓	184,767.20 ✓
	f) 10" i/d (250mm)	6.00	Each ✓	29,928.05 ✓	179,568.30 ✓
6	Providing and fixing, fire hydrants B.S.S quality and weight of 2½" (65 m) dia (including cost of jointing material). (Chap-23, Page-137, Item-32)	13.00	Each ✓	4,741.30 ✓	61,636.90 ✓
7	Supplying and filling sand under floor; or plugging in wells (Chap-7, Page-56, Item-30)	9,198.75	%Cft ✓	1,820.90 ✓	167,500.04 ✓

PCS/25.01/6174

Sr. No	Description	Qty	Unit	Rate	Amount
8	Cement concrete brick or stone ballast 1½" to 2" (40 mm to 50mm) gauge, in foundation and plinth:- (d) Ratio 1:6:12 (Chap-6, Page-41, Item-3)	9,198.75	%Cft ✓	11,616.05 ✓	1,068,531.40 ✓
9	Cement concrete plain including placing, compacting, finishing & curing complete (iu/c screening and washing of stone aggregate) (f) Ratio 1:2:4 (Chap-6, Page-41&42, Item-5/f)	6,968.75	%Cft ✓	23,184.20 ✓	1,615,648.94 ✓
10	Making connection for new watersupply lines with the running main, including excavation of trench and refilling, complete, but excluding cost of pipe and specials, etc. Diameter of running main: (Chap-23, Page-140, Item-41)				
	i) upto 6" i/d (150 mm)	10.00	P/Con ✓	1,788.25 ✓	17,882.50 ✓
	ii) upto 8" i/d (200 mm)	7.00	P/Con ✓	2,257.95 ✓	15,805.65 ✓
	iii) upto 10" i/d (250 mm)	3.00	P/Con ✓	3,185.15 ✓	9,555.45 ✓
11	Rehandling of earth work				
	a) Lead upto single throw of Kassi, Phaorah or shovel Chap-3 Page-29 Item-13/a	64,951.25	%oCft ✓	1,565.50 ✓	101,681.18 ✓
12	Transporatation 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	27,736.25	%oCft ✓	7,172.80 ✓	198,946.57 ✓
Total for Standardized Items					12,393,638.10 ✓
% Above / Below on MRS 2nd Bi-Annual Period (1st July to 21 Dec, 2019)					
Non Standardized Items					
1	Construction of Sluce Valve Chamber including the cost of M.I Surface box of weight 16.50 Kgs as per WASA standard drawing.	34.00	Each ✓		
2	Construction of Sluce valve / fire hydrant chamber manhole shaped as per WASA standard specificatoin / drawing.	27.00	Each ✓		
3	Providing Fixing Gibault Joints including nut and bolts best quality complete in all respects.				
	4" i/d (100mm)	16.00	Each ✓		
	6" i/d (150mm)	8.00	Each ✓		
	8" i/d (200mm)	12.00	Each ✓		
	10" i/d (250mm)	6.00	Each ✓		
4	Providing, laying and joining, testing and difinfecting, Hight Density Polythlene fitting (Tees, Cross bend, Elbow, Stub ends, etc) (PE-100) of PN-10 conforming to ISO-4427 or Din 8074/8075 or equivalent standards.				

PES/25-01/6174

Sr. No	Description	Qty	Unit	Rate	Amount
	Spigot Equal Tee				
	110 mm	14.00	Each		
	160 mm	12.00	Each		
	200 mm	6.00	Each		
	250 mm	1.00	Each		
	Reducing Tee				
	110 x 110 x 90 mm	8.00	Each		
	160 x 160 x 90 mm	5.00	Each		
	160 x 160 x 110 mm	8.00	Each		
	200 x 200 x 110 mm	1.00	Each		
	200 x 200 x 160 mm	1.00	Each		
	250 x 250 x 110 mm	1.00	Each		
	250 x 250 x 160 mm	2.00	Each		
	250 x 250 x 200 mm	1.00	Each		
	Bend 90°				
	110 mm	20.00	Each		
	160 mm	18.00	Each		
	200 mm	10.00	Each		
	250 mm	5.00	Each		
	Bend 45°				
	110 mm	20.00	Each		
	160 mm	18.00	Each		
	200 mm	8.00	Each		

Sr. No	Description	Qty	Unit	Rate	Amount
	250 mm	6.00	Each		
	Stud End				
	90 mm	13.00	Each		
	110 mm	44.00	Each		
	160 mm	24.00	Each		
	200 mm	16.00	Each		
	250 mm	12.00	Each		
5	Providing / Fixing MS Flange i/c Nut & Bolts & gasket.				
	90 mm	13.00	Each		
	110 mm	45.00	Each		
	160 mm	23.00	Each		
	200 mm	16.00	Each		
	250 mm	12.00	Each		
6	Shifting of Water Supply house connection from old water supply line to newly laid water supply line with HDPE Pipe complete in all respects.				
	On 110 mm i/d water supply line	314.00	Each		
	On 160 mm i/d water supply line	238.00	Each		
	On 200 mm i/d water supply line	85.00	Each		
	On 250 mm i/d water supply line	62.00	Each		
	Total for Non Standardized Items				
	Total for Standardized Items				
	Grand Total				

✓ Name of Firm _____

✓ Address _____

✓ Signature _____

SOPs for As Built Drawings of Water Supply 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 OHR: Coordinates, Completion date, Height, Bowl Base, Bottom Water, Level (BWL), To Water Level (TWL), Bowl Top and capacity should be provided.
4. In case of Tubewell, drawings should have GPS coordinates, detail of pumping machinery, complete bore log and pipe material showing:
 - i) Strata chart, bore log report and conversion report
 - ii) Motor manufacturer's name, Horse Power, RPM
 - iii) Pump manufacturer's name, Pump Capacity, Head
 - iv) Transformer manufacturer's name, KVA
 - v) **Housing pipe:** Length, size & material
 - vi) **Strainer:** Length, size & material
 - vii) **Blind pipe:** Length, size & material
 - viii) **Bail plug:** Length, size & material
 - ix) **Overlap:** Length, starting & ending depths
5. In case of drawings of filtration plant, it should be equipped with the following information:
 - i) Main features of plant
 - ii) GPS coordinates
 - iii) Name & capacity of plant
 - iv) Manufacturer's name with installation details
 - v) Expected lifespan & replacement dates of filters
6. In case of drawings of water bottling plant, it should be equipped with the following information:
 - i) Name, capacity & coordinates of the plant
 - ii) Manufacturer's name with i installation details
 - iii) Daily and monthly bottle filling capacity
7. In case of water supply pipelines following information should be provided:
 - i) Pipe diameter and length
 - ii) Coordinates of starting / ending point, all vertices / bends
 - iii) Material of pipe
 - iv) Depth of pipeline w.r.t. NSL/MSL
 - v) Coordinates of fire hydrant flushing hydrants & valves with their types
 - vi) Depth & location of plugging points of abandoned pipelines, if any

8. Details of the house connections, if the same have been provided under the scheme/project.
9. Where applicable, building drawing and internal structure detail drawings should be in AutoCAD format.
10. Standardized legends should be mentioned on the drawing sheets.
11. Drawing sheet must be duly signed by:
 - i) Sub Engineer
 - ii) SDO/JCE
 - iii) XEN/SCE
12. Covering letter by the relevant Director/XEN should be attached with drawings.
13. Drawings should contain the following contract details:
 - i) Name of Project
 - ii) Contract No.
 - iii) Name of Contractor
 - iv) Start & Completion Date
14. 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.
15. 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/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]