Bill of Quantities (BOQ)

Construction of 850cum RCC Water Reservoir at Godawari Municipality -10, Tahakhel

IFB No.: KUKL.LTR/NCB-15/083/084

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.2	Provisional Work (not to fill by the Bidder): Contractor's all Risk Insurance cover for the Works and Contractor's equipment, Insurance cover for Damages to Third Party.	PS	1.00	28,250.00 Twenty-eight thousand two hundred fifty rupees only.	28,250.00 Twenty-eight thousand two hundred fifty rupees only.
PS.3	Provisional Work (not to fill by the Bidder): Contractor's all Risk Insurance cover for the Works and Contractor's equipment, Insurance cover for Damages to Third Party.	PS	1.00	22,600.00 Twenty-two thousand six hundred rupees only.	22,600.00 Twenty-two thousand six hundred rupees only.
PS.4	Provisional Work (not to fill by the Bidder): Contractor's all Risk Insurance cover for the Works and Contractor's equipment, Insurance cover for Damages to Third Party.	LS	1.00	5,65,000.00 Five lakh sixty-five thousand rupees only.	5,65,000.00 Five lakh sixty-five thousand rupees only.
	Total provisional sums				6,15,850.00 Six lakh fifteen thousand eight hundred fifty rupees only.

General Work > Supply of Materials						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.1	Supply of Pipe and Pipe Fittings:400mm dia DI Spigot and Socket Pipe (C30) including gaskets, lubricant, paste, protection tape and all other associated material required for complete installation	Rm	306.00			
1.2	Supply of Pipe and Pipe Fittings:400mm x 400mm dia DI Flanged Equal Tee	Nos	1.00			
1.3	Supply of Pipe and Pipe Fittings:400mm dia DI Mechanical	Nos	1.00			
1.4	Supply of Pipe and Pipe Fittings:400mm x 200mm dia DI Flanged Reducer	Nos	2.00			

General Work > Supply of Materials						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.5	Supply of Pipe and Pipe Fittings:400mm dia 45° DI Double sockets Bend	Nos	1.00			
1.6	Supply of Pipe and Pipe Fittings:400mm dia 22.5° DI Double sockets Bend	Nos	2.00			
1.7	Supply of Pipe and Pipe Fittings:400mm dia 11.25° DI Double sockets Bend	Nos	1.00			
1.8	Supply of Pipe and Pipe Fittings:200mm dia HDPE Strainer	Nos	2.00			
1.9	Supply of Pipe and Pipe Fittings:200mm dia DI Double Flanged Tailpice (1 mtr long)	Nos	2.00			
1.10	Supply of Pipe and Pipe Fittings:200mm dia 90° DI Flanged Bend	Nos	2.00			
1.11	Supply of Pipe and Pipe Fittings:250mm x 200mm dia DI Flanged Reducer	Nos	2.00			
1.12	Supply of Pipe and Pipe Fittings:250mm dia CI Sluice Valve	Nos	1.00			
1.13	Supply of Pipe and Pipe Fittings:250mm x 250mm dia DI Flanged Tee	Nos	1.00			
1.14	Supply of Pipe and Pipe Fittings:200mm dia CI Sluice Valve	Nos	2.00			
1.15	Supply of Pipe and Pipe Fittings:200mm dia DI Single Flanged Tailpiece	Nos	2.00			
1.16	Supply of Pipe and Pipe Fittings:200mm dia DI Mechanical Coupling	Nos	2.00			
1.17	Supply of 16mm dia 125mm Long Nut Bolts	Kg	20.00			
1.18	Supply of Rubber Washer	M2	4.50			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.1	Civil works: Site clearance including uprooting hurbs shurbs and cutting of trees having diameter 0.61m -1.2m as per instruction of site incharge	Nos	5.00			
2.2	Civil works: Earthwork excavation in all type of soil using hydraulic excavator inlcuidng removal of stumps and other deleterious matter, shoring and dewatering etc. all completed as per technical specification and drawing (90% using hydraulic excavator and 10% manually)	M3	886.02			
2.3	Civil works: Providing, mixing and placing of M-10 grade concrete (1:3:6 mix) including curing etc all complete as per technical specification and drawing	M3	32.92			
2.4	Civil works: Providing, cutting, bending and palcing of 20mm,16mm,12mm, 10mm dia TMT Fe500D reinforcement as per technical Specification and drawing	Kg	49,936.02			
2.5	Cvil works: Providing, cutting, bending and palcing of 8mm dia TMT Fe500D reinforcement as per technical Specification and drawing	Kg	931.02			
2.6	Civil Works: Providing and paving of 250mm thick rubble stone on well compacted soil for stone soiling work as per technical specification and drawing	M3	77.19			
2.7	Civil works: Providing, mixing and placing of M-30 grade (1:1:2 mix) concrete including formwork,curing etc all complete as per technical specification and drawing	M3	433.82			
2.8	Civil works: Laying and jointing of 400mm dia DI Pipe with socket and spigot/tyton joint as per technical specification and drawing	Rm	306.00			
2.9	Installation of pipe Fittings including cutting, tapering, treading: 200mm dia HDPE/DI Fittings	Nos	8.00			
2.10	Installation of pipe Fittings including cutting, tapering, treading: 200mm dia CI Sluice Valve	Nos	2.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.11	Installation of pipe Fittings including cutting, tapering, treading: 250mm dia CI Sluice Valve	Nos	1.00			
2.12	Installation of pipe Fittings including cutting, tapering, treading: 250mm dia DI Fittings	Nos	3.00			
2.13	Installation of pipe Fittings including cutting, tapering, treading: 400mm dia DI Fittings	Nos	8.00			
2.14	Civil Works: Earthwork in excavation in gravel and boulder mixed soil including removal of stumps and other deleterious matter as per technical specification and drawing (Manually)	M3	269.28			
2.15	Civil Works: Backfilling trench with proper compaction as per technical specification and drawing	M3	269.28			
2.16	Civil Works: Supply and Fixing of 19mm thick plywood formwork and removing after completion of concreting as per drawing and technical specification	M2	826.24			
2.17	Supply and Installation of : GALVANIZED GRATING COVER	M3	0.48			
2.18	Supply and Installation of : M16 HILTI ANCHORS	Nos	28.00			
2.19	Supply and Installation of : 650mm CI Rounded Manhole Cover with Square Frame (24" with Square Frame IS:1726, 116 kg)	Nos	2.00			
2.20	Supply and Installation of : Ventilation Pipe ND 100mm with Mosquito Mesh Wire Cover	Nos	2.00			
2.21	Supply and Installation of : PVC ND 100mm Drain Pipe	Nos	18.00			
2.22	Preliminary and General Works: Provide all physical and financial progress reports with photographs	Months	3.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
2.23	Preliminary and General Works: Preparation and submission of as-built drawing of all the components/structures of the project showing newly constructed works such as electricals line, pipelines and interconnection work with valves and fittings and sanitary etc. in a format suitable for autodesk format at the completion of each section.	Nos	1.00			
2.24	Preliminary and General Works: Provide safety equipment for the Project Manager/Engineer/Employer's representative at the each site offices of the types and number specified for the period of the contract. (shoes, Jacket and Helmet).	Sets	3.00			
2.25	Dayswork: Unskilled Labour	Man-Days	5.00			
2.26	Dayswork: Skilled	Man-Days	5.00			

Total Item Price	
VAT (13.00%)	
Grand Total	