Bill of Quantities (BOQ)

Construction of Bhanu 7, 8 and 9 Marsyangdi Lift Water Supply Project, Tanahun

IFB No.: 337053701/WSSMOLMG/NCB/Works/083/84-09

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.2	Insurances for the loss of damage to works, plant, material, equipment, property and personal injury or death and as stipulated in contract Data	P.S.	1.00	16,00,000.00 Sixteen lakh rupees only.	16,00,000.00 Sixteen lakh rupees only.
PS.3	Utility Relocation, Third Party Inspection, Temporary Diversion, Claim and Others Items not Covered By BOQ, etc	P.S.	1.00	20,00,000.00 Twenty lakh rupees only.	20,00,000.00 Twenty lakh rupees only.
PS.4	Provision for Joint Survey for the Location of Reserviors, Pipe Lengths, Junctions and other necessary civil structures, etc	P.S.	1.00	2,00,000.00 Two lakh rupees only.	2,00,000.00 Two lakh rupees only.
PS.5	Environmental Mitigation Cost for Greenery promotion around the construction sites. Necessary approval will be taken from the relevant authorities and compensatory plantation will be carried out. Trees of local economic value and aesthetic significance will be planted under compensatory plantation, management on impact of water bodies, bio-engineering, management of solid waste and waste from construction site and worker's camp and all other necessary migitation efforts to ensure smooth operation of the project.	P.S.	1.00	5,00,000.00 Five lakh rupees only.	5,00,000.00 Five lakh rupees only.
PS.6	Operation and Maintenance (O&M) works of the water supply scheme for a period of 1 year after construction/commissioning, including personnel, energy cost, chemicals, maintenance, office overheads, and Water Safety Plan implementation as per specifications and instructions of an Engineer.	P.S.	1.00	81,65,642.36 Eighty-one lakh sixty-five thousand six hundred forty-two rupees and thirty-six paisa only.	81,65,642.36 Eighty-one lakh sixty-five thousand six hundred forty-two rupees and thirty-six paisa only.
	Total provisional sums				1,24,65,642.36 One crore twenty-four lakh sixty-five thousand six hundred forty-two rupees and thirty-six paisa only.

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.1	Provide and maintain cube testing facilities including moulds for the duration of the contract and preparation and testing of cubes, marking, curing, storing and transport to lab for tests and maintain full records (Equipment and moulds to remain in the contractor's property), Paid as number of cubes for all complete work as per instruction of Engineer.	Nos.	600.00			
1.2	Testing and Commencing of entire system as specified in the Conditions of Contract for at least 7 days.	L.S.	1.00			
1.3	Earthwork in excavation in all type of soil for pipeline/foundation trench including shoring, bracing, site cleareance by any means as per Drawing, Specification and Instructions of Engineer	Cu.m.	86,333.68			
1.4	Earth filling work with all type of stacked soil in with water sprinkling, compaction and site clearance for foundation and other trenches all complete as per the specification and as directed by the Engineer.	Cu.m.	84,167.01			
1.5	Providing & Laying dry stone soling in foundation trenches with bond stone blinding in perfect line & level all complete as per Drawing, Specifications and instructions of Engineer.	Cu.m.	239.27			
1.6	Providing & laying Plain Cement Concrete M10 grade all complete as per Drawing, Specification and Instructions of Engineer.	Cu.m.	112.60			
1.7	Providing & laying Plain/reinforced cement Concrete M15 grade all complete as per Drawing, Specification and Instructions of Engineer.	Cu.m.	23.05			
1.8	Providing & laying Plain/reinforced cement Concrete M20 grade all complete as per Drawing, Specification and Instructions of Engineer.	Cu.m.	420.50			
1.9	Providing & laying Plain/reinforced cement Concrete M25 grade all complete as per Drawing, Specification and Instructions of Engineer.	Cu.m.	168.94			
1.10	Providing and laying Plum concrete (Boulder Mixed Concrete) of 60% M 15 concrete and 40% boulders/stones as per Drawing and Specifications and Instructions of Engineer.	Cu.m.	14.62			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.11	Providing & laying stone masonry wall with 1:4 cement sand mortar including pointing and weep holes in perfect line & level all complete as per Drawing, Specification and Instruction of an Engineer.	Cu m	914.38			
1.12	Providing & laying First class chimney made brick masonry work with 1:4 cement sand mortar including curing, cleaning & racking out mortar joint and making ducts, recesses where required as per drawing, specification and instruction of Engineer.	Cu m	319.01			
1.13	Providing and laying 12.5 mm thick cement plaster over concrete surface with 1:4 cement sand mortar in perfect line & level including scaffolding, curing, etc. all complete as per drawing, specification & instruction.	Sq.m.	2,848.65			
1.14	Providing punning over the plastered surface in wall and floor including preparation of cement sand mortar in ration 1:1 with lead 30 m and curing including supply of all material as per specification and instruction of Engineer	Sq.m.	711.52			
1.15	Making gabion box with diaphragm including cutting wire, netting, etc. and Providing and filling random rubble boulder/stone in gabion box of different sizes as per Drawing, Specifications and direction of Engineer.	Cu.m.	180.00			
1.16	Providing, Preparing and Installation of formwork for walls, floor and slab including of materials, cutting, nailing & fixing in position, removal and disposal all complete as per drawing, specification and instruction of an Engineer.	Sq.m.	4,908.88			
1.17	Providing and applying Weather Coat at Exterior surfaces to give an even and uniform shade as per drawing, specification and instructions of an Engineer.	Sq.m.	916.04			
1.18	Providing and applying two coats of bitumen paint on the buried surfaces of the storage tanks and other specified surfaces as per specification and instructions of an Engineer	Sq.m.	255.69			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.19	Supplying & placing of TMT reinforcement bar for column beams, slab, etc. placed in position and binding with 14 gauge binding wire including cutting, binding, carrying, lifting, etc. all complete as per drawing, specification and instructions of an Engineer.	kg	53,693.84			
1.20	Providing and Fixing Fence by Machine made galvanized chain link of mesh size2"x2" 10SWG wire, 50mm dia. MS black pipe post (@2m c/c) in 25x25x4 mm MS angle frame (2mx1.2m) & 3x20mm MS strip 0.15m height including fabrication and primer painting of MS units and fixing all complete.	Sq.m.	652.06			
1.21	Procurement, Supply and Installation of dia 600mm FRP Round Manhole cover as per drawing, specification and instruction of an Engineer	no	19.00			
1.22	Procurement and Supply of Filter Media sand (Effective size 0.2-0.3 mm & Cu=5) as per specification and instruction of engineer.	Cu.m.	293.26			
1.23	Procurement and Supply of Filter Media Gravel 5 mm to 20 mm as per specification and instruction of engineer.	Cu.m.	100.80			
1.24	Procurement and Supply of Filter Media Gravel 2 mm to 6 mm as per specification and instruction of engineer.	Cu.m.	100.80			
1.25	Compacting original ground supporting sub grade and loosening of the ground up to a level of 500 mm below the sub grade level, watered, graded and compacted in layers as per drawing, specification and instructions of an Engineer.	Cu.m.	3,000.00			
1.26	Providing and laying granular sub- base on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per drawing, specification and instructions of an Engineer	Cu.m.	450.00			
1.27	Providing and laying crusher run macadam on a prepared surface, spreading and mixing, watering and compacting to form a layer of base course as per drawing, specifications and instructions of an Engineer.	Cu.m.	450.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.28	Providing and applying prime coat with hot bitumen (including cutter) MC30/MC70 on prepared surface of granular base including cleaning of road surface and spraying as per drawing, specification and instructions of an Engineer	lit	2,700.00			
1.29	Providing and applying tack coat with hot bitumen MC30/MC70 at specified rate on the prepared non bituminous surfaces including cleaning as per drawing, specifications and instructions of an Engineer.	lit	1,500.00			
1.30	Providing and laying open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates as wearing course on a previously prepared base as per as per drawing, specifications and instructions of an Engineer.	Cu.m.	60.00			
1.31	Supplying and installation of 25mm dia. GI/MC Pipe Outside Ladders for RVT all complete as per drawing, specification & instruction of an engineer.	no.	6.00			
1.32	Supplying and installation of Iron Gate all complete as per drawing, specification & instruction of an engineer.	kg	2,000.00			
1.33	Supplying and installation of 25x25x3 Angle framed gate with grill shutter (0.95x1.5m) and 40x6 MS strip Clamp 9"x9" with nut-bolt all complete as per drawing, specification & instruction of an engineer.	kg	68.00			
1.34	Supplying and laying of paving interlocking concrete block 80 mm thick of different shape including stone dust, line and level all complete	Sq.m.	760.00			
1.35	Application of double coat Plastic emulsion paint on top of single coat primer on plastered surface	Sq.m.	830.61			
1.36	Supply & laying of 20 mm thick mosaic (terrazzo) tiles flooring on 1:4 cement sand mortar including rubbing and plastering complete work.	Sq.m.	13.86			
1.37	Supply & laying of ceramic tiles of approved color in 1:4 c/s mortar	Sq.m.	36.33			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.38	Supply and fabrication of MS square pipe(10mm x 10mm) grill works as per drawing, specification and instruction of Engineer all complete	kg	109.35			
1.39	Providing and Making sal wood frame (for Doors and Windows) and fixing all complete as per drawing, specification and instruction of engineer.	Cu.m.	0.57			
1.40	Procurement, Supply and Installation of 580 mm size Porcelain clay white glazed commode with low level glazed cistern complete set as per drawing, specification and instruction of an Engineer.	Nos.	6.00			
1.41	Procurement, Supply and Installation of (50x40)cm Porcelain clay white glaze Oval Wash basin with mixture complete set. as per drawing, specification and instruction of an Engineer.	Nos.	6.00			
1.42	Procurement, Supply and Installation of Chrome Plate Toilet Paper Holder as per drawing, specification and instruction of an Engineer.	Nos.	6.00			
1.43	Procurement, Supply and Installation of Chrome Plate Soap Dish. as per drawing, specification and instruction of an Engineer.	Nos.	9.00			
1.44	Procurement, Supply and Installation of Looking Mirror 55x40cm (22"x 16") as per drawing, specification and instruction of an Engineer.	Nos.	6.00			
1.45	Procurement, Supply and Installation of Shower rose as per drawing, specification and instruction of an Engineer.	Nos.	6.00			
1.46	Procurement, Supply and Installation of Stainless steel towel bar as per drawing, specification and instruction of an Engineer.	Nos.	6.00			
1.47	Procurement, Supply and Installation of wall mixer shower faucet as per drawing, specification and instruction of an Engineer.	Nos.	6.00			
1.48	Procurement, Supply and Installation of 15 mm C.P. Angle valve as per drawing, specification and instruction of an Engineer.	Nos.	9.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.49	Procurement, Supply and Installation of 15mm Stainless Steel Pillar Cock as per drawing, specification and instruction of an Engineer.	Nos.	9.00			
1.50	Procurement, Supply and Installation of 25 mm CPVC (Chlorinated Polyvinyl Chloride) Pipe SDR 11 CTS, 28.1 kg/cm2 (Flow guard or ISI Standard) as per drawing, specification and instruction of an Engineer.	m	330.00			
1.51	Procurement, Supply and Installation of 50 mm dia DWV UPVC Pipe SN-4, Astral or eqv. as per drawing, specification and instruction of an Engineer.	m	330.00			
1.52	Procurement, Supply and Installation of 110 mm dia DWV UPVC Pipe SN-4, Astral or eqv. as per drawing, specification and instruction of an Engineer.	m	210.00			
1.53	Procurement, Supply and Installation of 500 litre polythene water tank (NS) fitting with all complete. as per drawing, specification and instruction of an Engineer.	Nos.	3.00			
1.54	Procurement, Supply and Installation of Steel Kitchen sink set, single basin 40''x18'' as per drawing, specification and instruction of an Engineer.	Nos.	3.00			
1.55	Providing and Making shutter in 38mm. thick sal wood frame all complete (shutter size 1.07mx1.982m) as per drawing, specification and instruction of an Engineer.	Sq.m.	14.22			
1.56	Providing and application two or more coats of Synthetic Enamel Paint over timber/iron surface including one coat of primer to give even and uniform shade all complete as per drawing, specification and instruction of engineer.	Sq.m.	17.19			
1.57	Procurement, Supply and Installation of 500 litre stainless steel water tank (304 grade steel) fitting with all complete. as per drawing, specification and instruction of an Engineer.	Nos.	3.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.58	Procurement, Supply and Installation of Supply 1HP water Pump with necessary fitting as per drawing, specification and instruction of an Engineer.	Nos.	3.00			
1.59	Procurement, Supply and Installation of 20 mm thick cement sand screed (1:4) as per drawing, specification and instruction of an Engineer.	Sq.m.	10.92			
1.60	Placing and anchoring as per drawing, specification and instruction of an Engineer.	Nos.	1,050.00			
1.61	Procurement, Supply and Installation of Steel Wire Cable of 26 mm dia as per drawing, specification and instruction of an Engineer.	m	18.00			
1.62	Procurement, Supply and Installation of 10 mm dia suspender rod of 1 meter length as per drawing, specification and instruction of an Engineer.	kg	9.92			
1.63	Procurement, Supply and Installation of 26 mm dia Bull dog grip as per drawing, specification and instruction of an Engineer.	Nos.	24.00			
1.64	Procurement, Supply and Installation of 150 mm PVC water stopper 20 SWG as per drawing, specification and instruction of an Engineer.	m	237.58			
1.65	Procurement, Supply and Installation of Ventilations of Wooden Frame With Chicken Wire Mesh & Mosquito Mesh as per drawing, specification and instruction of an Engineer.	Nos.	6.00			
1.66	Procurement, Supply and Installation of Steel Railing Work as per drawing, specification and instruction of an Engineer.	m	223.64			
1.67	Procurement, Supply and Installation of 25mm dia. GI/MC Pipe Outside Ladder as per drawing specification and instruction of engineer.	Nos.	1.00			
1.68	Procurement, Supply and Installation of Set of Anchors of Pipe support pillar and anchor block as per drawing specification and instructions of engineer.	Nos.	40.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.69	Procurement, Supply and Installation of UPVC Sliding window with net (frame 50 *80mm, sash 58 * 36 mm, white colour with 5mm double glass) as per drawing, specification and instruction of an Engineer.	Sq.m.	18.90			
1.70	Procurement, Supply and Installation of UPVC Swinging Door with net (frame 52mm* 88mm, sash 88mm* 42mm, white colour with 5mm double glass) as per drawing, specification and instruction of an Engineer.	Sq.m.	4.74			
1.71	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 90 mm PN-6 as per dawing, specification and instructions of Engineer	m	2,744.80			
1.72	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 110 mm PN-6 as per dawing, specification and instructions of Engineer	m	1,022.52			
1.73	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 160 mm PN-6 as per dawing, specification and instructions of Engineer	m	274.79			
1.74	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 140 mm PN-6 as per dawing, specification and instructions of Engineer	m	319.35			
1.75	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 125 mm PN-6 as per dawing, specification and instructions of Engineer	m	803.33			
1.76	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 40 mm PN-10 as per dawing, specification and instructions of Engineer	m	59,533.48			
1.77	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 50 mm PN-10 as per dawing, specification and instructions of Engineer	m	19,898.80			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.78	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 63 mm PN-10 as per dawing, specification and instructions of Engineer	m	13,613.00			
1.79	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 75 mm PN-10 as per dawing, specification and instructions of Engineer	m	12,081.80			
1.80	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 90 mm PN-10 as per dawing, specification and instructions of Engineer	m	4,325.90			
1.81	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 110 mm PN-10 as per dawing, specification and instructions of Engineer	m	3,502.86			
1.82	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 40 mm PN-16 as per dawing, specification and instructions of Engineer	m	25,992.16			
1.83	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 50 mm PN-16 as per dawing, specification and instructions of Engineer	m	8,756.31			
1.84	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 63 mm PN-16 as per dawing, specification and instructions of Engineer	m	5,307.00			
1.85	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 75 mm PN-16 as per dawing, specification and instructions of Engineer	m	2,741.78			
1.86	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 90 mm PN-16 as per dawing, specification and instructions of Engineer	m	2,180.75			

Civil Works						
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1.87	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 40 mm PN-20 as per dawing, specification and instructions of Engineer	m	9,665.45			
1.88	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 50 mm PN-20 as per dawing, specification and instructions of Engineer	m	3,133.07			
1.89	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 63 mm PN-20 as per dawing, specification and instructions of Engineer	m	2,133.95			
1.90	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 75 mm PN-20 as per dawing, specification and instructions of Engineer	m	364.96			
1.91	Procurement, Supply, Laying & Jointing of GI Heavy Pipe of size dia. 80 mm GI-H as per dawing, specification and instructions of Engineer	m	3,329.26			
1.92	Procurement, Supply, Laying & Jointing of GI Heavy Pipe of size dia. 100 mm GI-H as per dawing, specification and instructions of Engineer	m	4,638.67			
1.93	Laying & Jointing of Pipe of size dia. 100 mm GI Pipe all complete as per drawing, specification & instructions of an Engineer.	m	1,510.63			
1.94	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 63 mm PN-10 as per dawing, specification and instructions of Engineer	m	5.00			
1.95	Procurement, Supply, Laying & Jointing of HDPE PIPE - PE-100 Grade NS-40 pipe of size dia. 20 mm PN-16 as per dawing, specification and instructions of Engineer	m	58,680.00			
1.96	Procurement, Supply, Laying & Jointing of GI Medium Pipe of size dia. 15 mm GI-M as per dawing, specification and instructions of Engineer	m	3,940.00			

Civil Works						
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1.97	Procurement, Supply, Laying & Jointing of GI Medium Pipe of size dia. 20 mm GI-M as per dawing, specification and instructions of Engineer	m	28.00			
1.98	Procurement, Supply, Laying & Jointing of GI Medium Pipe of size dia. 40 mm GI-M as per dawing, specification and instructions of Engineer	m	10.50			
1.99	Procurement, Supply, Laying & Jointing of GI Medium Pipe of size dia. 50 mm GI-M as per dawing, specification and instructions of Engineer	m	39.30			
1.100	Procurement, Supply, Laying & Jointing of GI Medium Pipe of size dia. 65 mm GI-M as per dawing, specification and instructions of Engineer	m	11.10			
1.101	Procurement, Supply, Laying & Jointing of GI Medium Pipe of size dia. 80 mm GI-M as per dawing, specification and instructions of Engineer	m	15.20			
1.102	Procurement, Supply, Laying & Jointing of GI Medium Pipe of size dia. 100 mm GI-M as per dawing, specification and instructions of Engineer	m	62.50			
1.103	Procurement, Supply, Laying & Jointing of DI Pipe of size dia. 150 mm DI as per dawing, specification and instructions of Engineer	m	7.00			
1.104	Procurement, Supply, Laying & Jointing of DI Pipe of size dia. 80 mm DI as per dawing, specification and instructions of Engineer	m	3.50			
1.105	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Equal-Tee 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	100.00			
1.106	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Equal-Tee 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	76.00			
1.107	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Equal-Tee 63 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	56.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.108	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Equal-Tee 75 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	29.00			
1.109	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Equal-Tee 90 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	27.00			
1.110	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Equal-Tee 110 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	3.00			
1.111	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Equal-Tee 125 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.112	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Equal Cross-Tee 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	10.00			
1.113	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Equal Cross-Tee 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	18.00			
1.114	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Equal Cross-Tee 63 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	10.00			
1.115	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Equal Cross-Tee 75 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	5.00			
1.116	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Equal Cross-Tee 90 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	4.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.117	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Equal Cross-Tee 110 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.118	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Equal Cross-Tee 125 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.119	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-End Cap 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	226.00			
1.120	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-End Cap 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	5.00			
1.121	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-End Cap 63 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	3.00			
1.122	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 50 x 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	145.00			
1.123	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 63 x 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	53.00			
1.124	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 63 x 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	54.00			
1.125	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 75 x 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	19.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.126	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 75 x 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	17.00			
1.127	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 75 x 63 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	26.00			
1.128	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 90 x 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	11.00			
1.129	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 90 x 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	9.00			
1.130	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 90 x 63 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	12.00			
1.131	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 90 x 75 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	21.00			
1.132	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 110 x 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.133	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 110 x 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.134	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 110 x 63 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.135	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 110 x 75 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	4.00			
1.136	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 110 x 90 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	4.00			
1.137	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 125 x 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	3.00			
1.138	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 125 x 90 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.139	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HD-Reducer 125 x 110 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.140	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Elbow 15 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	7,824.00			
1.141	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Nipple 32 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	79.00			
1.142	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Nipple 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	92.00			
1.143	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Nipple 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	112.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.144	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Nipple 65 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	70.00			
1.145	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Nipple 80 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	46.00			
1.146	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Nipple 100 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	82.00			
1.147	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Nipple 125 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	7.00			
1.148	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Nipple 15 mm 2" all complete as per drawing, specification & instructions of an Engineer.	Nos.	7,824.00			
1.149	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Union 15 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	5,868.00			
1.150	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Union 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	4.00			
1.151	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Union 65 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.152	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Union 80 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.153	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Union 100 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	11.00			
1.154	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-E-Tee 15 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	6.00			
1.155	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-E-Tee 20 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	5.00			
1.156	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-E-Tee 32 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.157	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-E-Tee 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	3.00			
1.158	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-E-Tee 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	12.00			
1.159	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-E-Tee 65 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	6.00			
1.160	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-E-Tee 80 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	5.00			
1.161	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-E-Tee 100 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	10.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.162	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-E-Tee 125 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.163	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-bend 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	11.00			
1.164	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-bend 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	34.00			
1.165	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-bend 65 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	6.00			
1.166	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-bend 80 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	15.00			
1.167	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-bend 100 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	36.00			
1.168	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-HD-Flange 32/40 mm all complete as per drawing, specification & instructions of an Engineer.	set	41.00			
1.169	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-HD-Flange 40/50 mm all complete as per drawing, specification & instructions of an Engineer.	set	45.00			
1.170	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-HD-Flange 50/63 mm all complete as per drawing, specification & instructions of an Engineer.	set	48.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.171	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-HD-Flange 65/75 mm all complete as per drawing, specification & instructions of an Engineer.	set	29.00			
1.172	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-HD-Flange 80/90 mm all complete as per drawing, specification & instructions of an Engineer.	set	19.00			
1.173	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-HD-Flange 100/110 mm all complete as per drawing, specification & instructions of an Engineer.	set	27.00			
1.174	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-HD-Flange 100/125 mm all complete as per drawing, specification & instructions of an Engineer.	set	5.00			
1.175	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-HD-Flange 125/140 mm all complete as per drawing, specification & instructions of an Engineer.	set	2.00			
1.176	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Flange 40 mm all complete as per drawing, specification & instructions of an Engineer.	set	4.00			
1.177	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Flange 50 mm all complete as per drawing, specification & instructions of an Engineer.	set	8.00			
1.178	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Flange 80 mm all complete as per drawing, specification & instructions of an Engineer.	set	7.00			
1.179	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Flange 100 mm all complete as per drawing, specification & instructions of an Engineer.	set	6.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.180	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Cross-Tee 32 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.181	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Cross-Tee 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	6.00			
1.182	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Cross-Tee 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	4.00			
1.183	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Cross-Tee 65 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	4.00			
1.184	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Cross-Tee 80 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.185	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Cross-Tee 100 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.186	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Cross-Tee 125 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.187	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 100 x 65 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	6.00			
1.188	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 100 x 80 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	3.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.189	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 125 x 80 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.190	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 125 x 100 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	3.00			
1.191	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 40 x 32 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	14.00			
1.192	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 50 x 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	10.00			
1.193	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 65 x 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	9.00			
1.194	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 65 x 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	5.00			
1.195	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 80 x 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	3.00			
1.196	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 80 x 65 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	6.00			
1.197	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 100 x 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.198	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 80 x 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.199	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 50 x 32 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	13.00			
1.200	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 125 x 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.201	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 100 x 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.202	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. Water Meter 15 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1,956.00			
1.203	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. Brass-Ferrule 15 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1,956.00			
1.204	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. HDP Saddle all complete as per drawing, specification & instructions of an Engineer.	Nos.	1,956.00			
1.205	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GM-G-Valve 15 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1,956.00			
1.206	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GM-G-Valve 32 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	38.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.207	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GM-G-Valve 40 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	32.00			
1.208	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GM-G-Valve 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	27.00			
1.209	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GM-G-Valve 65 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	20.00			
1.210	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GM-G-Valve 80 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	9.00			
1.211	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GM-G-Valve 100 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	18.00			
1.212	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GM-AR-Valve 15 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.213	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GM-AR-Valve 20 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	3.00			
1.214	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-F-Bend 150 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	3.00			
1.215	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-Reducer 150 x 100 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.216	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-Reducer 150 x 80 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.217	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-E-Tee 150 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.218	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-UE-Tee 150 x 80 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.219	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-F-Socket 150 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.220	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-E-Tee 80 mm all complete as per drawing, specification & instructions of an Engineer.	Nos	1.00			
1.221	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-Single Flanged Tail Piece 150 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	3.00			
1.222	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-Double Flanged Tail Piece 150 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	9.00			
1.223	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-Double Flanged Tail Piece 100 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	4.00			
1.224	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-Double Flanged Tail Piece 80 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.225	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-Cross-Tee 150 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.226	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-F-Adp 150/160 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	5.00			
1.227	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-F-Adp 100/110 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.228	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-F-Adp 100/125 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.229	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-F-Adp 80/90 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.230	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-F-Bell Mouth 150 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.231	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-S-Valve 150 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	3.00			
1.232	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-S-Valve 100 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.233	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. DI-S-Valve 80 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.234	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. Bulldog grip 100 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	4.00			
1.235	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. Bulldog grip 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	4.00			
1.236	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. Die set teeth 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.237	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. Die set teeth 65 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.238	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. Thimble 100 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.239	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. Thimble 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.240	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-F-Bell Mouth 50 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.241	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-F-Bell Mouth 65 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.242	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-F-Bell Mouth 80 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.243	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-F-Bell Mouth 100 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	11.00			
1.244	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Strainer 65 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.245	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-UE-Tee 100 x 100 x 20 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	6.00			
1.246	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-UE-Tee 65 x 65 x 15 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	1.00			
1.247	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-UE-Tee 80 x 80 x 15 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.248	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-UE-Tee 80 x 80 x 20 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	2.00			
1.249	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-UE-Tee 50 x 50 x 15 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	5.00			
1.250	Procurement, Supply, Laying & Jointing of Pipe fitting of size dia. GI-Reducer 65 x 32 mm all complete as per drawing, specification & instructions of an Engineer.	Nos.	4.00			
1.251	Procurement, Supply, Laying & Jointing of Miscellaneous items like glue, thread tape etc. all complete as per drawing, specification & instructions of an Engineer.	Set	1,956.00			
1.252	Procurement, Supply, Laying & Jointing of Brass Bib Cock all complete as per drawing, specification & instructions of an Engineer.	Nos	1,956.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.253	Procurement, Supply and Installation of 11m long Full Galvanized Steel Tubular Pole including all GI channel & GI hardwares including complete earthwork excavation and backfilling with stone and earth properly compressed around the pole as per the NEA Standard, Specification and Instructions of Engineer	set	75.00			
1.254	Procurement, Supply and Installation of Full Galvanized 11 m long H-Steel Tubular Pole including all GI channel & GI hardwares including complete earthwork excavation and backfilling with stone and earth properly compressed around the pole as per the NEA Standard, Specification and Instructions of Engineer	set	3.00			
1.255	Procurement, Supply and Stringing of 11 kV line using 50 sq. mm XLPE Cable Conductor at the site all complete as per NEA standard, drawing, specification and instructions of Engineer	Rm	9,000.00			
1.256	Procurement, Supply and Installation (Pit excavation of footing and erection of poles with all necessary accesories all complete set) of HT stay set including its hardwares, line material to the site all complete as per NEA standard, drawing, specification and instructions of Engineer	set	29.00			
1.257	Procurement, Supply and Installation of Outdoor Type Low Loss 100 KVA capacity 11/0.400 KV, 3 phase, 50 Hz copper wound, ONAN, step down oil type transformer ,vector group Dyn-11, Outdoor Type as per NEA standard, drawing, specification and instructions of Engineer	set	2.00			
1.258	Procurement, Supply and Installation of Outdoor Type Low Loss 200 KVA capacity 11/0.400 KV, 3 phase, 50 Hz copper wound, ONAN, step down oil type transformer ,vector group Dyn-11, Outdoor Type as per NEA standard, drawing, specification and instructions of Engineer	set	1.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.259	Procurement, Supply and Installation of (600 x 600 x 3)mm electrolytically pure copper plate at least 3m below the ground level surrounded by alternate layer of charcoal and common salt to	set	12.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
	thickness of 300mm around the electrode effectly ground by means of 8 SWG bare copper conductor running from earth plate to MPB and to all FDB'S including the necessary connecting , fixing and jointing materials as well as exavation and backfilling works as per NEA standard, drawing, specification and instructions of Engineer					
1.260	Procurement, Supply and Installation of 4C x 150 SQMM conductor PVC insulated 1100V rated armored cable as per NEA Standard, Specifications and Instructions of Engineer	Rm	30.00			
1.261	Procurement, Supply and Installation of 4C x50 SQMM conductor PVC insulated 1100V rated armored cable as per NEA Standard, Specifications and Instructions of Engineer	Rm	60.00			
1.262	Procurement, Supply and Installation of 3C x95 SQMM conductor PVC insulated 1100V rated armored cable as per NEA Standard, Specifications and Instructions of Engineer	Rm	400.00			
1.263	Procurement, Supply and Installation of 3C x35 SQMM conductor PVC insulated 1100V rated armored cable as per NEA Standard, Specifications and Instructions of Engineer	Rm	250.00			
1.264	Procurement, Supply and Installation of 3C x 16 sq.mm CU submersible Flat cable XLPE insulated as per IS 694:1990 Standard Insulation suitable for 1100V cable as per NEA Standard, Specifications and Instructions of Engineer	Rm	60.00			
1.265	Procurement, Supply and Installation of 3C x 25 sq.mm CU submersible Flat cable XLPE insulated as per IS 694:1990 Standard Insulation suitable for 1100V cable as per NEA Standard, Specifications and Instructions of Engineer	Rm	90.00			
1.266	Procurement, Supply and Installation of 1 sq. mm FMS cable 1 Roll with PVC type float ball for dry run protection. as per drawings, specifications and as directed by an engineer all complete.	set	7.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.267	Procurement, Supply and Installation of 3 Phase 10-15 HP fully automatic Star Delta control Panel as per drawings, specifications and as directed by an engineer all complete.	set	2.00			
1.268	Procurement, Supply and Installation of 3 Phase 30-35 HP fully automatic Star Delta control Panel as per drawings, specifications and as directed by an engineer all complete.	set	2.00			
1.269	Procurement, Supply and Installation of 3 Phase 50 HP fully automatic Soft Starter control Panel as per drawings, specifications and as directed by an engineer all complete.	set	4.00			
1.270	Procurement, Supply and Installation of 3 Phase 75 HP fully automatic Soft Starter control Panel as per drawings, specifications and as directed by an engineer all complete.	set	2.00			
1.271	Procurement, Supply and Installations of 1400MM x 1200MM x 400MM Size Main Distribution Panel Board Fabricated out of 16swg m/s sheet metal, Separate compartment for Incoming & Outgoing Feeder, Lockable Double Door Front Openable, Wall Mounted Type. With TPNE Copper Bus bar (25mm x 5mm) and Internal wiring, 500A TPNE Copper Bus bar, 1 Nos. of 63 A MCCB, 4 Nos. of 100 A MCCB, 2 Nos.16 A MCCB with output Connecting Terminal, 3 set of Volt/ Amp Meter Digital Type, RYB Indication Lamp, Control Fuse and Wiring Materials, 1 set of Enclosure with wiring and cable shoe all complete as drawing, specifications and instructions of Engineer	set	1.00			
1.272	Procurement, Supply and Installations of 1400MM x 1200MM x 400MM Size Main Distribution Panel Board Fabricated out of 16swg m/s sheet metal, Separate compartment for Incoming & Outgoing Feeder, Lockable Double Door Front Openable, Wall Mounted Type. With TPNE Copper Bus bar (25mm x 5mm) and Internal wiring, 300A TPNE Copper Bus bar, 2 Nos. of 100 A MCCB, 2 Nos.16 A MCCB with output Connecting Terminal, 3 set of Volt/ Amp Meter Digital Type, RYB Indication Lamp, Control Fuse and Wiring Materials, 1 set of Enclosure with wiring and cable shoe all complete as drawing, specifications and instructions of Engineer	set	1.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.273	Procurement, Supply and Installations of Stainsteel Steel ESE type lightning arrestor with 51cm length,16cm diameter of level 3 or 4 type all complete as drawing, specifications and instructions of Engineer	Nos.	2.00			
1.274	Procurement, Supply and Installations of 100 KVA AVR (Voltage Stablizer) with necessary accessories all complete as drawing, specifications and instructions of Engineer	set	2.00			
1.275	Procurement, Supply and Installations of 2 Module 1 Way all complete as per drawing, specifications and instructions of Engineer	set	3.00			
1.276	Procurement, Supply and Installations of 3 Module (1 Socket,1 switch) all complete as drawing, specifications and instructions of Engineer	set	18.00			
1.277	Procurement, Supply and Installations of 3 STAR rated of following dia sweep A.C. ceiling fan dust proof complete with down rod canopy, blades & 2 module electronic speed regulator integrated in light switch boards,1400 mm (48 inch) dia Sweep Ceiling Fan all complete as drawing, specifications and instructions of Engineer	Nos.	3.00			
1.278	Procurement, Supply and Installations of following size PVC Conduits of 1.5 mm thick to be laid on Cable Ladder/Building Surface/loose soil under ground etc. Make - Polycab / Precision or equivalent. 20 mm dia PVC Conduit all complete as drawing, specifications and instructions of Engineer	Rm	90.00			
1.279	Procurement, Supply and Installations of complete internal point wiring from DB/switch to fixture using 3×2.5 sq.mm FRLS copper wires in 25mm HDPE conduits, including 6A modular switch, GI boxes, earthing, fittings, and testing as per NEA Standard, Specifications and Instructions of Engineer	pts	51.00			
1.280	Procurement, Supply and Installation of Surface mounted square panel 6 Watt (6500K) enclosed LED light fixture integrated with high efficiency PMMA low glare diffuser. all complete as per NEA Standard, Specifications and Instructions of Engineer	Nos.	18.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.281	Procurement, Supply and Installation of 20 watt batten tubelight all complete as per NEA Standard, Specifications and Instructions of Engineer	Nos.	18.00			
1.282	Procurement, Supply and Installation of 8way spn box with double door all complete accessoreis all complete as per NEA Standard, Specifications and Instructions of Engineer	set	3.00			
1.283	Procurement, Supply and Installation of 6 A SP mcb used in spn DB all complete as per NEA Standard, Specifications and Instructions of Engineer	Nos.	12.00			
1.284	Procurement, Supply and Installation of 16 A SP MCB used inside spn DB all complete as per NEA Standard, Specifications and Instructions of Engineer	Nos.	12.00			
1.285	Procurement, Supply and Installation of 25A DP mcb used inside spn DB all complete as per NEA Standard, Specifications and Instructions of Engineer	Nos.	3.00			
1.286	Procurement and Supply of Bore well Submersible Motor Pump with 3 phase, motor star delta connection (submersible pump standard IS 8034-2002 latest or equivalent and motor IS 9283-1995 latest or equivalent). Pumping Discharge (Q)-13.04 LPS @ Total Head (H +/- 10%)-30 m; at best efficency as per drawing, specification and instructions of Engineer.	set	2.00			
1.287	Procurement and Supply of Bore well Submersible Motor Pump with 3 phase, motor star delta connection (submersible pump standard IS 8034-2002 latest or equivalent and motor IS 9283-1995 latest or equivalent). Pumping Discharge (Q)-6.37 LPS @ Total Head (H +/- 10%)-275 m; at best efficency as per drawing, specification and instructions of Engineer.	set	2.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.288	Procurement and Supply of Bore well Submersible Motor Pump with 3 phase, motor star delta connection (submersible pump standard IS 8034-2002 latest or equivalent and motor IS 9283-1995 latest or equivalent). Pumping Discharge (Q)-11.01 LPS @ Total Head (H +/- 10%)-240 m; at best efficency as perdrawing, specification and instructions of Engineer.	set	2.00			
1.289	Procurement and Supply of Bore well Submersible Motor Pump with 3 phase, motor star delta connection (submersible pump standard IS 8034-2002 latest or equivalent and motor IS 9283-1995 latest or equivalent). Pumping Discharge (Q)-7.74 LPS @ Total Head (H +/- 10%)-198 m; at best efficency as perdrawing, specification and instructions of Engineer.	set	2.00			
1.290	Procurement and Supply of Bore well Submersible Motor Pump with 3 phase, motor star delta connection (submersible pump standard IS 8034-2002 latest or equivalent and motor IS 9283-1995 latest or equivalent). Pumping Discharge (Q)-5.08 LPS @ Total Head (H +/- 10%)-285 m; at best efficency as per drawing, specification and instructions of Engineer.	set	2.00			
1.291	Procurement, Supply and Installation of Double Flange Column Pipe : 80 mm dia GI heavy, NS marked both ends welded with min 22 mm thick MS flange with 2 nos of groove as per instructions all complete as per drawing, specifications and instructions of Engineer	Rm	15.00			
1.292	Procurement, Supply and Installation of 100 mm x 80 mm single flange customized reducer all complete as per drawing, specifications and instructions of Engineer	Nos.	4.00			
1.293	Procurement, Supply and Installation of 100 mm DI Flange Bell Mouth all complete as per drawing, specifications and instructions of Engineer	Nos.	4.00			
1.294	Procurement, Supply and Installation of DI Single Flanged tail piece with puddle100 mm dia all complete as per drawing, specifications and instructions of Engineer	Nos.	12.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.295	Procurement, Supply and Installation of 100 mm flanged socket all complete as per drawing, specifications and instructions of Engineer	Nos.	12.00			
1.296	Procurement, Supply and Installation of DI Sluice valve 100 mm all complete as per drawing, specifications and instructions of Engineer	Nos.	12.00			
1.297	Procurement, Supply and Installation of DI Double Flanged tail piece with 100 mm dia all complete as per drawing, specifications and instructions of Engineer	Nos.	16.00			
1.298	Procurement, Supply and Installation of 100 mm DI double flanged 90° bends all complete as per drawing, specifications and instructions of Engineer	Nos.	12.00			
1.299	Procurement, Supply and Installation of Double flanged DI pipe 100 mm all complete as per drawing, specifications and instructions of Engineer	Rm	24.00			
1.300	Procurement, Supply and Installation of 100 mm customized GI Flange welded to Casing Pipe all complete as per drawing, specifications and instructions of Engineer	Nos.	4.00			
1.301	Procurement, Supply and Installation of Pressure Gauge, wet dial type, working pressure of PN45 with complete set of accessories for 25 mm dia connection are union with guide and gate valve. all complete as per drawing, specifications and instructions of Engineer	Set	5.00			
1.302	Procurement, Supply and Installation of 100 mm DI All Flanged Equal Tee all complete as per drawing, specifications and instructions of Engineer	Nos	4.00			
1.303	Procurement, Supply and Installation of DN 100 mm Non-retern Valve (NRV) all complete as per drawing, specifications and instructions of Engineer	Nos	4.00			
1.304	Procurement, Supply and Installation of 100 mm Bulk Water Flow Meter all complete as per drawing, specifications and instructions of Engineer	Nos	4.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.305	Procurement, Supply and Installation of Air Release valve with complete set of accessories for 25 mm dia GI nipple connection 25mm Air Valve all complete as per drawing, specifications and instructions of Engineer	Nos	4.00			
1.306	Procurement, Supply and Installation of 100 mm DI double flanged 45° bends all complete as per drawing, specifications and instructions of Engineer	Nos	4.00			
1.307	Procurement, Supply and Installation of 200 mm MS ERW Pipe (thickness 6.3mm) all complete as per drawing, specifications and instructions of Engineer	Rm	50.00			
1.308	Procurement, Supply and Installation of 16 mm dia x 75mm long high tension Nut bolt with 2 nos washer in each all complete as per drawing, specifications and instructions of Engineer	Pcs	750.00			
1.309	Procurement, Supply and Installation of 6" dia MS heavy duty clamp set with nut bolts for clamping riser pipe during pump lowering all complete as per drawing, specifications and instructions of Engineer	set	10.00			
1.310	Procurement, Supply and Installation of Surface discharge plate (For housing pipe) MS Plate (min, 22mm thick) with hole for cable outlet, 12" dia with ERW casing pipe . GI heavy class double flanged nipple welded in it as per drawing and instructions. all complete as per drawing, specifications and instructions of Engineer	set	5.00			
1.311	Procurement, Supply and Installation of Nut & Bolt made with Forged Steel in different size supply all complete as per drawing, specifications and instructions of Engineer	kg	20.00			
1.312	Installation, testing and commissioning of submersible pump/motor, cable, connector box and control panel, including setting and connection of valves, pressure valves and all associated works such as cutting, bending, welding, waterproofing tape, binding tape, cable shoe, wall nut and other necessary accessories, complete in all respects.	Set	5.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.313	Procurement, Supply and Installation of 80 mm x 65 mm single flange customized reducer all complete as per drawing, specifications and instructions of an Engineer	Nos.	1.00			
1.314	Procurement, Supply and Installation of 80 mm DI Flange Bell Mouth all complete as per drawing, specifications and instructions of an Engineer	Nos.	1.00			
1.315	Procurement, Supply and Installation of DI Single Flanged tail piece 80 mm dia all complete as per drawing, specifications and instructions of an Engineer	Nos.	3.00			
1.316	Procurement, Supply and Installation of 80 mm flanged socket all complete as per drawing, specifications and instructions of an Engineer	Nos.	3.00			
1.317	Procurement, Supply and Installation of DI Sluice valve 80 mm all complete as per drawing, specifications and instructions of an Engineer	Nos.	3.00			
1.318	Procurement, Supply and Installation of DI Double Flanged tail piece 80 mm dia all complete as per drawing, specifications and instructions of an Engineer	Nos.	4.00			
1.319	Procurement, Supply and Installation of 80 mm DI double flanged 90° bends all complete as per drawing, specifications and instructions of an Engineer	Nos.	3.00			
1.320	Procurement, Supply and Installation of Double flanged DI pipe 80 mm all complete as per drawing, specifications and instructions of an Engineer	Rm	5.00			
1.321	Procurement, Supply and Installation of 80 mm customized GI Flange welded to Casing Pipe all complete as per drawing, specifications and instructions of an Engineer	Nos.	1.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.322	Procurement, Supply and Installation of 80 mm DI All Flanged Equal Tee all complete as per drawing, specifications and instructions of an Engineer	Nos.	1.00			
1.323	Procurement, Supply and Installation of DN 80 mm Non-retern Valve (NRV) all complete as per drawing, specifications and instructions of an Engineer	Nos.	1.00			
1.324	Procurement, Supply and Installation of 80 mm Bulk Water Flow Meter all complete as per drawing, specifications and instructions of an Engineer	Nos.	1.00			
1.325	Procurement, Supply and Installation of Air Release valve with complete set of accessories for 25mm dia GI nipple connection 25mm Air Valve all complete as per drawing, specifications and instructions of an Engineer	Nos.	1.00			
1.326	Procurement, Supply and Installation of Double flanged DI pipe 150mm all complete as per drawing, specifications and instructions of an Engineer	Rm	1.00			
1.327	Procurement, Supply and Installation of 80 mm DI double flanged 45° bends all complete as per drawing, specifications and instructions of an Engineer	Nos.	1.00			
1.328	Procurement, Supply and Installation of Chemical Mixing Motor with Gear Box (0.5 HP, 220- 230 V,50 Hz, 210 RPM) as per Drawing, Specifications and Instructions of an Engineer.	Nos.	2.00			
1.329	Procurement, Supply and Installation of Chemical Dosing pump (Minimum flow rates 7 lit/hr and max.18lit/hr with min. 1 bar and max. 16 bar pressure with inbuilt level sensor which trips the pump in case of low level of chlorine dosing tank. Pump Head: PVDF, Diaphragm: PTEF, Stroke Per minute: 300,Suction/Discharge: 4/6 mm) as per Drawing, Specifications and Instructions of Engineer.	Nos.	2.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.330	Procurement, Supply and Installation of Chlorine Mixing Tank (PVC tank of Size 200 ltr) as per Drawing, Specifications and Instructions of an Engineer.	Nos.	2.00			
1.331	Procurement, Supply and Installation of Chemical Mixing Agitator (316 grade stainless Steel solid rod, 16 mm " Dia, speed 75 RPM, Resin Laminated) as per Drawing, Specifications and Instructions of an Engineer.	Nos.	2.00			
1.332	Procurement, Supply and Fabrication of CGI Coloured Sheet of 26 Gauge on MS. Tubular Section Purling and Rafter for complete work as per Drawing, Specifications and Instructions of Engineer.	Sq.m.	9.60			
1.333	Procurement, Supply and Fabrication of square pipe, purlins, rafter, etc. fixed on roof as per Drawing, Specifications and Instructions of Engineer.	Kg	470.98			
1.334	Procurement, Supply and Installation of 5 mm thickness Stand for Chemical Mixing tank, Height 48"Width of 32"X32" as per Drawing, Specifications and Instructions of Engineer.	Kg	82.32			
1.335	Procurement, Supply and Installation of 1.1/2" Angle Stand with 5 mm thickness and 50" Height from bottom of Chemical mixing tank as per Drawing, Specifications and Instructions of Engineer.	Kg	64.68			
1.336	Procurement, Supply and Installation of 1.1/2" Angle Stand for Chemical solution tank-32"x32" and 6" Height from ground level to the bottom of Chemical solution tank as per Drawing, Specifications and Instructions of Engineer.	Kg	64.68			
1.337	Procurement, Supply and Installation of 40"x 18" Ladder with 18"x 18" platform as per Drawing, Specifications and Instructions of Engineer.	Kg	70.56			
1.338	Procurement, Supply and Installation of Tank nipple (25mm size, for flushing and outlet of chlorine tank) as per Drawing, Specifications and Instructions of Engineer.	Nos.	4.00			

Civil Works						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.339	Procurement, Supply and Installation of Tank nipple (40 mm size, for flushing and outlet of mixing tank) as per Drawing, Specifications and Instructions of Engineer.	Nos.	4.00			
1.340	Procurement, Supply and Installation of Ball Valve (25mm size, for flushing and outlet of chlorine tank) as per Drawing, Specifications and Instructions of Engineer.	Nos.	4.00			
1.341	Procurement, Supply and Installation of Ball Valve (40mm size, for flushing and outlet of mixing tank) as per Drawing, Specifications and Instructions of Engineer.	Nos.	4.00			
1.342	Procurement, Supply and Installation of Female Thread Adopter (25mm size, for flushing and outlet of chlorine tank) as per Drawing, Specifications and Instructions of Engineer.	Nos.	4.00			
1.343	Procurement, Supply and Installation of Female Thread Adopter (40mm size, for flushing of mixing tank) as per Drawing, Specifications and Instructions of Engineer.	Nos.	2.00			
1.344	Procurement, Supply and Installation of Pipe and fittings (40mm size length 1.5m UPVC Pipe) as per Drawing, Specifications and Instructions of Engineer.	Rm	3.00			
1.345	Procurement, Supply and Installation of Pipe and fittings (25mm size length 1.5m UPVC Pipe) as per Drawing, Specifications and Instructions of Engineer.	Rm	3.00			
1.346	Procurement, Supply and Installation of Electric Power Cable (covered with insulated pipe length- 25 mtr) to chemical mixing motor with motor starter switch as per Drawing, Specifications and Instructions of Engineer.	Nos.	2.00			
1.347	Procurement, Supply and Installation of Bleaching Powder for trial and test (33% Chlorine content) as per Drawing, Specifications and Instructions of Engineer.	Kg	50.00			

Total Item Price	
VAT (13.00%)	
Grand Total	