Bill of Quantities (BOQ)

Construction of Sotang 1,3,4,5 Water Supply Project, Solukhumbu

IFB No.: 337050801/WSSMO/Khotang/NCB/Works/Central/04/2083/84

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	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	15,00,000.00 Fifteen lakh rupees only.	15,00,000.00 Fifteen lakh rupees only.
1.1	Utility Relocation, Reinstallation, etc. , Third Party Inspection cost, claim, quality test, all items not covered by BOQ, etc.	P.S.	1.00	5,00,000.00 Five lakh rupees only.	5,00,000.00 Five lakh rupees only.
PS.4	Environmental Mitigation Cost for Greenery promotion around the construction sites. Necessary approval will be taken from the relevant authorities and compensatory plantation at 1:10 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	2,00,000.00 Two lakh rupees only.	2,00,000.00 Two lakh rupees only.
PS.5	As built drawing : Preparation and submission of "As built" drawing of all assets created including, but not limited to, pipeline network, pipeline appurtenances, valve chambers, civil structures in a format prescribed as per the Work's Requirement. The format should suitable for transferring to GIS and CAD database of pipeline of transmission, bulk distribution network, treatment plant location, reservoir location, and all related structures at the completion of each section / component of the work. Sheet Size: A1 / A2 / A3 (as appropriate) (3 hard copies and one soft copy)	P.S.	1.00	3,00,000.00 Three lakh rupees only.	3,00,000.00 Three lakh rupees only.
	Total provisional sums				25,00,000.00 Twenty-five lakh rupees only.

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.195	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 direction of Engineer	No.	500.00			
1.196	Provide photographs (Digital CD) and colour prints, sized A4, 24 nos., each month for inclusion in peroidic progress report to the satisfaction of the engineer. (6 sheet A4 size color Photo Paper per months)	Months	36.00			
1.197	Provide survey equipments of types and numbers as specified, for the Engineer's requirement, maintenance of them, including services of adequate number of survey assistants and labourers for all the sites for the period of the Contract as per Specification.	months	36.00			
1.198	Provide safety equipment for the Engineer at each of the site offices of the types and number specified for the period of the Contract as per Specification.	Months	36.00			
1.199	Providing Site office of at least 200sq.ft with necessary furnishing near the project area for the supervising engineer from the client	Months	36.00			
1.200	Provision of joint survey for the location of reservoirs, pipelengths, junctions and other necessary civil structures for the project with their accessibility	LS	1.00			
1.201	Water Supply and Sanitation Technician with a role of Account keeping, Meter reading ,Plumbing and safe guarding schemes of the project	man month	12.00			
1.202	One number of chaukidar for each of the scheme of the project	man month	12.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.203	Earthwork in excavation by any means for foundation or pipeline work for all types of soil from ground level to underside of the pipeline and disposal of surplus materials to the specified site as directed by the Engineer and including dewatering all complete as per Clause 2.2 and other clause of the specification.	m^3	3,177.23			
1.204	Earthwork in excavation by manual method for pipeline trench work for all types of soil from ground level to underside of the pipeline and disposal of surplus materials to the specified site as directed by the Engineer and including dewatering all complete as per Clause 2.2 and other clause of the specification.	m^3	69,568.15			
1.205	Earth filling work with all type of stacked soil in 20cm thick layer by layer withiout water sprinkling, compaction with ramming and site clearance for foundation and other trenches all complete as per Clause 2.2,3 and other clause of the specification and as directed by the Engineer.	m^3	71,385.13			
1.206	Earth work in excavation of foundation or pipeline trenches 0-3m in depth in all type of soil by using excavator, including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical Specifications	m^3	889.43			
1.207	Dry stone soling in foundation lead upto 30 m and depth upto 5m and for flooring work with levelling including supply of all materials as per Clause 2.5.8 and other clause of the specification and as per directed by the Engineer.	m^3	690.15			
1.208	Random rubble masonry work up to the super structure from foundation with lead upto 10m and height upto 5m in cement sand mortar (1:6) including supply of materials, scaffolding, curing as per specification as per Clause 2.5.5 and other related clause of the specification and as directed by the Engineer	m^3	799.42			
1.209	Gravel packing of aggregate size of 20-40mm for 30m lead and upto 5m depth as per Clause 2 and other clause of the Specification and as per directed by the Engineer.	m^3	10.04			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.210	Brick masonry work up in cement sand mortar (1:4) including supply of materials, scaffolding, curing as per specification as per Clause 2.5.5 and other related clause of the Specification and as directed by the Engineer	m^3	56.60			
1.211	Concrete work M15 for PCC work in super-structure as per shape and size shown in drawings including supply of all materials and curing as per Clause 2.3 and other related clause of the specification and as directed by the Engineer.	m^3	267.67			
1.212	Concrete work M20 for in super-structure RCC work as per shape and size shown in drawings including supply of all material and curing and as per Clause 2.3 and other related clause of the specification and as directed by the Engineer.	m^3	452.03			
1.213	Concrete work M25 for in super-structure RCC work as per shape and size shown in drawings including supply of all material and curing and as per Clause 2.3 and other related clause of the specification and as directed by the Engineer.	m^3	112.61			
1.214	Supply of materials and fabricating complete Reinforcement Steel Works (Fe 500) for any RCC works as per the drawing, specification and directed by the Engineer including cutting, bending, placing in position and binding by Binding wire, including all lap lengths/ wastage, etc. with all lead and lift	kg	85,600.25			
1.215	Preparation of wooden shuttering works for different simple slab, simple vertical surfaces and RCC structure as per shape and size shown in drawings including supply of all materials as per Clause 2.3 and other related clause of the specification and as directed by Engineer	m^2	99.46			
1.216	Preparation of wooden shuttering works for arch,dome, etc.as per shape and size shown in drawings including supply of all materials as per Clause 2.3 and other related clause of the specification and as directed by Engineer	m^2	31.40			

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1.217	Preparation of wooden shuttering works for different simple slab, simple vertical surfaces and RCC structure as per shape and size shown in drawings including supply of all materials upto 3m (Class F2 Finish) as per approved Material and Technical Specification	sq.m	4,246.18			
1.218	Supply and fixing of 26 gage colored CGI plain sheet for roofing work including all materials as per Clause 2 and other related clause of the specification and as directed by the Engineer	m^2	27.78			
1.219	Supply of machine made GI wire gabion boxes of mesh size: 100 mm * 120 mm with heavy coated GI wires (mesh wire 3 mm, selvdge wire: 3.9 mm and lacing wire: 2.4 mm): size 2×1×1 m and placing in site and tying all complete as per Clause 2 and other related clause of the specification and as directed by the Engineer	no	135.00			
1.220	Supply of stones from quarry and filling in the gabion box as per clause 2.2 and related clause of the specification and as directed by the Engineer.	m^3	270.00			
1.221	12.5 mm thick plastering in wall, ceiling, floor including preparation of cement sand mortar in ratio 1:3 lead upto 30 m , surface dressing, sprinkling with water, finishing the surface and curing including supply of all materials, all complete as per Clause 2.6 and other related clause of the specification and as directed by the Engineer.	m^2	5,032.79			
1.222	12.5 mm thick plastering in Outer Walls of Structure including preparation of cement sand mortar in ratio 1:4 lead upto 30 m , surface dressing, sprinkling with water, finishing the surface and curing including supply of all materials, all complete as per Clause 2.6 and other related clause of the specification and as directed by the Engineer.	m^2	789.77			
1.223	Punning over the plastered surface in wall and floor including prepation of cement sand mortar in ration 1:1 with lead 30 m and curing including supply of all material as per Clause 2.7 and other related clause of the specification and as directed by the Engineer.	m^2	2,334.85			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.224	Laying primer course and two coats of enamel paint on the specificied sufraces including supply of all materials as per Clause 2.7 and other related Clause of the specification and as directed by the Engineer	m^2	146.50			
1.225	Laying base course and two coats of bitumin paint on the buried sufraces of the storage tanks and other specified surfaces including supply of all materials as per Clause 2.7 and other related Clause of the specification and as directed by the Engineer	m^2	611.66			
1.226	Laying base course and two coats of weather coat paint on the specified surfaces including supply of all materials as per Clause 2.7 and other related Clause of the Specification and as directed by the Engineer	m^2	1,462.03			
1.227	Supply and preparation and placing of MS angle (ISA 40×40×6 mm) for wiremesh fencing work as shown in drawing and as per Clause 2.8 and other related clause of the specification and as directed by Engineer	kg	1,357.99			
1.228	Supply and installation of MS angle (40×40×6 mm size) manhole cover 75×75 cm with 30 cm long 8 no 12Ø embeding bars including fabrication by arc welding all complete as shown in drawing and as per related clause 2.8 of the specification and as directed by the Engineer.	set	14.00			
1.229	Supply and installation of MS angle (40×40×6 mm size) manhole cover 60×60 cm with 30 cm long 8 no 12Ø embeding bars including fabrication by arc welding all complete as shown in drawing and as per related clause 2.8 of the specification and as directed by the Engineer.	set	9.00			
1.230	Supply of GI pipe ladder of side rails 32 mmØ GI pipe (Medium), strungs of 15 mmØ GI (Medium) pipe, width of 45 cm width and 4.1 m long as per the drawings and related clause 2.8 of specification or as directed by the Engineer	no	2.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.231	Supply and installation of GI water stopper 150 mm wide, 20 SWG as directed by the Engineer	m	921.17			
1.232	Supply and installation of chlorination tank mechanized as shown in drawing including all fixture and accessories and as per Clause 2.8 and other related clause of the specification and as directed by the Engineer.	job	3.00			
1.233	Providing and fixing of Water Level indicator complet work and as directed by the Engineer	job	1.00			
1.234	Supply and installation of grill work for given door and window size shown in drawing including all fixture and accessories and as per Clause 2.8 and other related clause of the specification and as directed by the Engineer	kg	160.88			
1.235	Supply and installation of 10 mmØ bar mesh on MS angle (40×40×6) frame to lantern opening sides size- 0.75×1.00 m including fabrication as per specification and as directed by the Engineer	no	4.00			
1.236	Supply, make 3 mm size - 60 perforations in each and laying the laterals for the SSF underdrain system with joining to the header, size of laterals: 63 mmØ 10 kg/cm^2 HDPE as per specification and as directed by the Engineer	m	157.08			
1.237	Supply, make 3 mm size - 40 perforations in each and laying the laterals for the SSF underdrain system with joining to the header, size of laterals: 50 mmØ PN-10, PE100 HDPE as per specification and as directed by the Engineer	m	60.16			
1.238	Supply, prepare and laying the header pipe for the SSF underdrain system: 140 mmØ PN10, PE100 HDPE including joining to the laterals as per specification and as directed by the Engineer	m	50.00			
1.239	Supply and filling of 20-63 mm size gravel filter media on the base of SSF as per specification and as directed by the Engineer	m^3	67.67			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.240	Supply and filling of 9-14 mm gravel filter media on the base of SSF as per specification and as directed by the Engineer	m^3	21.41			
1.241	Supply and filling of 3-6 mm gravel filter media on the base of SSF as per specification and as directed by the Engineer	m^3	21.41			
1.242	Supply and filling of silica sand (effective size - 0.25 to 0.35 mm and uniformity coefficient - 2.5 to 3 above the gravel filter media of SSF as per specification and as directed by the Engineer	m^3	192.71			
1.243	Supply and prepration, placing and tightening of 2"x2"-10swg Wire mesh Chainlink wiremesh fencing of 1.83m(6ft) specific with stretching as per drawing and clause 2.8 of the specification and as directed by the Engineer	m^2	1,878.24			
1.244	Welding and Anchoring for RCC pipe Support as per the specification and as directed by the Engineer	job	22.00			
1.245	Supply & laying of ceramic tiles of approved color in 1:4 c/s mortar as per the specification and as directed by the Engineer	m^2	22.17			
1.246	Single Layer Flat brick soling as per the Drawings and specification and as per directed by the Engineer	m^2	184.08			
1.247	Supply, fabrication and installation of standard GI (M) pipe railing on outer walls (height -1.05 m, main railing - 32 mmØ, inner balustrades -15 mmØ, lower horizontal member - 25 mmØ) including two entrances with locking system.	m	168.87			
1.248	Supply and Installation of Sanitary Works for Office Buildings with items detailed in the Sanitary schedule of the provided standard drawing	LS	1.00			
1.249	Supply and Installation of Electrical Works for Office Buildings with items detailed in the Electrical schedule of the provided standard drawing	LS	1.00			

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1.250	Supply and Installation of Sanitary Works for Treatment Plant Operator House with items detailed in the table of the provided standard drawing	LS	1.00			
1.251	Supply and Installation of Electrical Works for Treatment Plant Operator House with items detailed in the table of the provided standard drawing	LS	1.00			
1.252	Supplying and Installation of UPVC profile sliding window frame 80*50 mm white color, sliding window sash 55*36 mm with galvanised steel reinforcement of 1.5 mm, 5 mm thick clear glass, insect net, patented standard hardware like: rollers, gaskets, brush seal, moon locks, drinage cover etc. as per specification and as directed by the engineer.	sq.m	23.85			
1.253	Supplying and Installation of UPVC profile swing door frame 60*60 mm white color, swing door sash 55*36 mm with galvanised steel reinforcement of 1.5 mm, 5 mm thick clear glass, insect net, patented standard hardware like: rollers, gaskets, brush seal, moon locks, drinage cover etc. as per specification and as directed by the engineer.	sq.m	18.90			
1.254	Supply and Installation of square hollow section (as of ISB) black Iron pipe as Truss structure and painted with primer as per specification and as directed by the engineer.	kg	412.72			
1.255	Supply and installation of FRP manhole cover (60×60 cm^2) as per drawings and directed by engineer	no	181.00			
1.256	Supply and installation of FRP manhole cover (45×45 cm^2) as per drawings and directed by engineer	no	4.00			
1.257	Supply, preparation and installation of 1 cm thick MS plate rectangular weirs as per engineers and Technical Specifications	kg	2,942.57			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.258	Supply, Prepare and Fabrication of MS Sections and Pipes for Fencing including primer paint as per approved Material and Technical Specification	kg	19,011.87			
1.259	Supply, laying, transportation and jointing of 20 mmØ PN-16, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	56,250.00			
1.260	Supply, laying, transportation and jointing of 32 mmØ PN-10, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	63,095.53			
1.261	Supply, laying, transportation and jointing of 32 mmØ PN-16, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	32,793.19			
1.262	Supply, laying, transportation and jointing of 32 mmØ PN-20, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	6,547.00			
1.263	Supply, laying, transportation and jointing of 40 mmØ PN-10, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	14,554.86			
1.264	Supply, laying, transportation and jointing of 40 mmØ PN-16, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	4,274.45			

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1.265	Supply, laying, transportation and jointing of 40 mmØ PN-20, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	717.05			
1.266	Supply, laying, transportation and jointing of 50 mmØ PN-10, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	13,506.28			
1.267	Supply, laying, transportation and jointing of 50 mmØ PN-16, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	5,219.26			
1.268	Supply, laying, transportation and jointing of 50 mmØ PN-20, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	202.06			
1.269	Supply, laying, transportation and jointing of 63 mmØ PN-10, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	2,816.71			
1.270	Supply, laying, transportation and jointing of 63 mmØ PN-16, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	1,751.42			
1.271	Supply, laying, transportation and jointing of 63 mmØ PN-6, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	4,649.55			

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1.272	Supply, laying, transportation and jointing of 75 mmØ PN-10, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	1,766.52			
1.273	Supply, laying, transportation and jointing of 75 mmØ PN-16, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	1,099.56			
1.274	Supply, laying, transportation and jointing of 75 mmØ PN-6, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	2,480.70			
1.275	Supply, laying, transportation and jointing of 90 mmØ PN-10, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	4,006.14			
1.276	Supply, laying, transportation and jointing of 90 mmØ PN-16, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	3,872.01			
1.277	Supply, laying, transportation and jointing of 90 mmØ PN-6, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	4,203.61			
1.278	Supply, laying, transportation and jointing of 110 mmØ PN-6, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	207.60			

Construction work
CPV: 45000000-7 - Construction work

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1.279	Supply, laying, transportation and jointing of 160 mmØ PN-6, PE 100 HDPE pipe conforming to NS-40 or equivalent as per Clause 5 and other related clause of the specification, manufacturer's instruction and as directed by the Engineer	m	45.60			
1.280	Supply, laying, transportation and jointing of 32 mmØ GI pipe (heavy duty) confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	m	1,272.53			
1.281	Supply, laying, transportation and jointing of 40 mmØ GI pipe (heavy duty) confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	m	834.68			
1.282	Supply, laying, transportation and jointing of 50 mmØ GI pipe (heavy duty) confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	m	1,319.89			
1.283	Supply, laying, transportation and jointing of 80 mmØ GI pipe (heavy duty) confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	m	391.16			
1.284	Supply, laying, transportation and jointing of 15 mmØ GI pipe (medium duty) confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	m	30.00			

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1.285	Supply, laying, transportation and jointing of 50 mmØ GI pipe (medium duty) confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	m	35.84			
1.286	Supply, laying, transportation and jointing of 65 mmØ GI pipe (medium duty) confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	m	89.40			
1.287	Supply, laying, transportation and jointing of GI Pipe piece (50 mmØ) 0.30 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	m	8.00			
1.288	Supply, laying, transportation and jointing of GI Pipe piece (50 mmØ) 0.45 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	m	11.00			
1.289	Supply, laying, transportation and jointing of GI Pipe piece (50 mmØ) 0.35 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	m	2.00			
1.290	Supply, laying, transportation and jointing of GI Pipe piece (50 mmØ) 1.0 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	m	5.00			

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1.291	Supply, laying, transportation and jointing of GI Pipe piece (50 mmØ) 1.60 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	m	1.00			
1.292	Supply, laying, transportation and jointing of GI Pipe piece (80 mmØ) 0.45 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	no	11.00			
1.293	Supply, laying, transportation and jointing of GI Pipe piece (80 mmØ) 0.60 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	no	1.00			
1.294	Supply, laying, transportation and jointing of GI Pipe piece (80 mmØ) 1.0 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	no	5.00			
1.295	Supply, laying, transportation and jointing of GI Pipe piece (125 mmØ) 0.45 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	no	2.00			
1.296	Supply, laying, transportation and jointing of GI Pipe piece (125 mmØ) 1.0 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	no	8.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.297	Supply, laying, transportation and jointing of GI Pipe piece (80 mmØ) 0.20 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	no	1.00			
1.298	Supply, laying, transportation and jointing of GI Pipe piece (80 mmØ) 0.30 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	no	11.00			
1.299	Supply, laying, transportation and jointing of GI Pipe piece (80 mmØ) 0.75 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	no	8.00			
1.300	Supply, laying, transportation and jointing of GI Pipe piece (80 mmØ) 0.77 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	no	2.00			
1.301	Supply, laying, transportation and jointing of GI Pipe piece (80 mmØ) 0.84 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	no	2.00			
1.302	Supply, laying, transportation and jointing of GI Pipe piece (80 mmØ) 0.90 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	no	2.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.303	Supply, laying, transportation and jointing of GI Pipe piece (125 mmØ) 0.60 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	no	4.00			
1.304	Supply, laying, transportation and jointing of GI Pipe piece (80 mmØ) 0.65 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	no	2.00			
1.305	Supply, laying, transportation and jointing of GI Pipe piece (80 mmØ) 1.60 m long confirming to NS-199 or equivalent both end threaded, one end socketted as per Clause 5 and other related clause of the Specification, manufacturer's instruction and as directed by the Engineer:	no	1.00			
1.306	Supply delivery and installation of Bulk water meter (150 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	1.00			
1.307	Supply delivery and installation of Bulk water meter (50 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	4.00			
1.308	Supply delivery and installation of Bulk water meter (65 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	3.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.309	Supply delivery and installation of Bulk water meter (80 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	2.00			
1.310	Supply delivery and installation of DI Sluice Valve (125 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	6.00			
1.311	Supply delivery and installation of GI Blind flange set (100 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	173.00			
1.312	Supply delivery and installation of GI Blind flange set (125 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	38.00			
1.313	Supply delivery and installation of GI Blind flange set (80 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	161.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.314	Supply delivery and installation of GI Elbow (100 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	6.00			
1.315	Supply delivery and installation of GI Elbow (125 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	2.00			
1.316	Supply delivery and installation of GI Elbow (20 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	68.00			
1.317	Supply delivery and installation of GI Elbow (25 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	297.00			
1.318	Supply delivery and installation of GI Elbow (32 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	168.00			
1.319	Supply delivery and installation of GI Elbow (40 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	119.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.320	Supply delivery and installation of GI Elbow (50 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	105.00			
1.321	Supply delivery and installation of GI Elbow (65 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	42.00			
1.322	Supply delivery and installation of GI Elbow (80 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	67.00			
1.323	Supply delivery and installation of GI Equal Tee (25 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	59.00			
1.324	Supply delivery and installation of GI Equal Tee (32 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	33.00			
1.325	Supply delivery and installation of GI Equal Tee (40 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	35.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.326	Supply delivery and installation of GI Equal Tee (50 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	30.00			
1.327	Supply delivery and installation of GI Equal Tee (65 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	13.00			
1.328	Supply delivery and installation of GI Equal Tee (80 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	17.00			
1.329	Supply delivery and installation of GI Nipple(H)-6" LONG (100 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	4.00			
1.330	Supply delivery and installation of GI Nipple(H)-6" LONG (125 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	22.00			
1.331	Supply delivery and installation of GI Nipple(H)-6" LONG (20 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	108.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.332	Supply delivery and installation of GI Nipple(H)-6" LONG (25 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	372.00			
1.333	Supply delivery and installation of GI Nipple(H)-6" LONG (32 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	223.00			
1.334	Supply delivery and installation of GI Nipple(H)-6" LONG (40 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	183.00			
1.335	Supply delivery and installation of GI Nipple(H)-6" LONG (50 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	186.00			
1.336	Supply delivery and installation of GI Nipple(H)-6" LONG (65 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	65.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.337	Supply delivery and installation of GI Nipple(H)-6" LONG (80 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	134.00			
1.338	Supply delivery and installation of GI Reducer Socket (25x20 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	34.00			
1.339	Supply delivery and installation of GI Reducer Socket (32x25 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	16.00			
1.340	Supply delivery and installation of GI Reducer Socket (40x32 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	18.00			
1.341	Supply delivery and installation of GI Reducer Socket (50x40 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	12.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.342	Supply delivery and installation of GI Reducer Socket (65x50 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	7.00			
1.343	Supply delivery and installation of GI Reducer Socket (80x65 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	5.00			
1.344	Supply delivery and installation of GI Unequal tee (125x80 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	4.00			
1.345	Supply delivery and installation of GI Unequal Tee (25x15 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	20.00			
1.346	Supply delivery and installation of GI Unequal tee (125x50 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	2.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.347	Supply delivery and installation of GI Union (100 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	4.00			
1.348	Supply delivery and installation of GI Union (25 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	86.00			
1.349	Supply delivery and installation of GI Union (32 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	36.00			
1.350	Supply delivery and installation of GI Union (40 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	14.00			
1.351	Supply delivery and installation of GI Union (50 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	14.00			
1.352	Supply delivery and installation of GI Union (65 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	4.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.353	Supply delivery and installation of GI Union (80 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	12.00			
1.354	Supply delivery and installation of GI-GI Flange Set (50 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	37.00			
1.355	Supply delivery and installation of GI-GI flange set (125 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	20.00			
1.356	Supply delivery and installation of GI-GI flange set (80 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	75.00			
1.357	Supply delivery and installation of GI-HDP flange set (100x110 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	2.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.358	Supply delivery and installation of GI-HDP flange set (125x140 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	6.00			
1.359	Supply delivery and installation of GI-HDP flange set (25x32 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	161.00			
1.360	Supply delivery and installation of GI-HDP flange set (32x40 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	91.00			
1.361	Supply delivery and installation of GI-HDP flange set (40x50 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	78.00			
1.362	Supply delivery and installation of GI-HDP flange set (50x63 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	63.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.363	Supply delivery and installation of GI-HDP flange set (65x75 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	27.00			
1.364	Supply delivery and installation of GI-HDP flange set (80x90 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	set	38.00			
1.365	Supply delivery and installation of GM Float Valve (25 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	6.00			
1.366	Supply delivery and installation of GM Float Valve (32 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	7.00			
1.367	Supply delivery and installation of GM Float Valve (40 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	3.00			
1.368	Supply delivery and installation of GM Float Valve (50 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	2.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.369	Supply delivery and installation of GM Gate Valve (100 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	2.00			
1.370	Supply delivery and installation of GM Gate Valve (20 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	34.00			
1.371	Supply delivery and installation of GM Gate Valve (25 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	127.00			
1.372	Supply delivery and installation of GM Gate Valve (32 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	75.00			
1.373	Supply delivery and installation of GM Gate Valve (40 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	56.00			
1.374	Supply delivery and installation of GM Gate Valve (50 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	58.00			

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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.375	Supply delivery and installation of GM Gate Valve (65 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	20.00			
1.376	Supply delivery and installation of GM Gate Valve (80 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	45.00			
1.377	Supply delivery and installation of 1/2" dia Brass Ferrule(400 gm) & HDPE Saddle including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	1,875.00			
1.378	Supply delivery and installation of Compression Brass Union (15x20 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	3,750.00			
1.379	Supply delivery and installation of GI Elbow (15 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	3,750.00			
1.380	Supply delivery and installation of GM Gate Valve (15 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	1,875.00			

Construction work
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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.381	Supply delivery and installation of GI Nipple(H)-6" LONG (15 mmØ) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	7,500.00			
1.382	Supply delivery and installation of Volumetric Rotatory Piston Water Body conforming to ISO 4064 Meterological Class B and Pressure rating of minimum PN-16 with ND 15mm including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	1,875.00			
1.383	Concrete work M15 for PCC work in super-structure as per shape and size shown in drawings including supply of all materials and curing as per Clause 2.3 and other related clause of the specification and as directed by the Engineer.	no	33.75			
1.384	Earthwork in excavation by any means for foundation or pipeline work for all types of soil from ground level to underside of the pipeline and disposal of surplus materials to the specified site as directed by the Engineer and including dewatering all complete as per Clause 2.2 and other clause of the specification.	m3	13,500.00			
1.385	Earth filling work with all type of stacked soil in 20cm thick layer by layer withiout water sprinkling, compaction with ramming and site clearance for foundation and other trenches all complete as per Clause 2.2,3 and other clause of the specification and as directed by the Engineer.	m3	13,500.00			
1.386	Supply delivery and installation of 1/2" dia Brass Tap (400 gm) including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	1,875.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.387	Supply delivery and installation of 1/2" dia GI Socket including earthwork and minor civil works, transporation and portaring all complete work as per clause 5, 16 and other fitting specification and instruction of engineer (confirming NS 302/ IS1879, IS 1239 Part 2:2011, IS 4846:2000, and other related standards or equivalent)	no	1,875.00			

Total Item Price	
VAT (13.00%)	
Grand Total	