Bill of Quantities (BOQ)

Construction of Bharatpokhari Nirmalpokhari Kristi Water Supply Project, Kaski (Phase II)

IFB No.: 337053901/07/083-084/works/wssmo/Pokhara

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Insurances for the loss of damage 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.
PS.2	WUA Requirements, Enviromental cost and Items not covered by BOQ (Provisional)	P.S.	1.00	20,00,000.00 Twenty lakh rupees only.	20,00,000.00 Twenty lakh rupees only.
	Total provisional sums				35,00,000.00 Thirty-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)**
1.3	Supplying and placing sign boards for contract information of standard size along with iron posts including excavation, concreting, backfilling etc. all complete and as instructed by an engineer.	Nos.	5.00			
1.4	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	Nos.	200.00			
1.5	Testing and Comensing of entire system for seven days all complete as per the instruction of Engineer	Job	1.00			
1.6	Surface dressing and Top soil cutting including disposing the surplus excavated earth within the premises for layout & setting out of building as per drawing & specification.	Sqm	1,769.32			

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)**
1.7	Earthwork in excavation of soil in foundation, drain and Pipeline including a lead & lift for 1 Cum as per drawing and specification all complete.	Cum	4,735.80			
1.8	Earth work exavation in all type of soil for drain and trenches including ,shoring ,Strufing ,bracing sheeting and disposal up to by machine and manual	Cum	29,587.88			
1.9	Soft soil filling with earth stacked at site with well compaction etc. all complete.	Cum	32,817.49			
1.10	Providing & laying First class chimney made brick masonry work in foundation and Ground Floor with 1:4 cement sand mortar (1 cement : 4 sand) including lead upto 30 m curing, cleaning & racking out mortar joint and making ducts, recesses where required as per drawing, specifcation and instruction all complete.	Cum	73.39			
1.11	Providing & laying First class chimney made brick masonry work in foundation and Ground Floor with 1:6 cement sand mortar (1 cement : 6 sand) including lead upto 30 m curing, cleaning & racking out mortar joint and making ducts, recesses where required as per drawing, specifcation and instruction all complete.	Cum	526.61			
1.12	Random rubble (hammer dresed) stone masonry work with 1:6 cement sand mortar inculding the cost of scaffolding, curing, cleaning and racking the joints all complete as per drawing, specification & instruction.	Cum	24.35			
1.13	Providing & Laying dry stone soling in foundation trenches with bond stone blinding in perfect line & level all complete as per drawing and specification.	Cum	49.79			
1.14	Flooring with 25 mm thick PCC (1:2:4) all complete as per drawing, specifications and approval of engineer.	Sqm	209.11			

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)**
1.15	Providing and laying mat finish porcelain floor/skirting tiles of approved color in proper line & level laid in 12mm thick base plaster of 1:4 cement mortar including joint filler on floors, fitting & grouting of joints by approved chemicals as per drawing, specifications and approval of engineer.	Sqm	11.00			
1.16	Providing and laying glazed porcelain wall tiles of (Italian or Equivalent) approved color, size & make in proper line & level laid in 12 mm thick base plaster of 1:4 cement mortar with all fitting & grouting of joints by approved joint filler as per drawing, specification & approval of engineer.	Sqm	32.00			
1.17	Dry flat brick soling in foundation and floors with first class made bricks in true line and level including watering and ramming all complete as per drawing and specification.	Sqm	472.13			
1.18	Brick soling on edge with sand in foundation and floors with first class made bricks in true line and level including watering and ramming all complete as per drawing and specification.	Sqm	17.60			
1.19	Providing & filling with first class chimney made brick bats all complete as per drawing, specification and approval of engineer.	Cum	4.20			
1.20	Supply and filling of Coarse sand including material and labour with transportation all complete as per drawing and specification.	Cum	48.96			
1.21	Suplly of 5-20mm size gravel filling including material and labour with transportation all complete as per drawing and specification.	Cum	0.23			
1.22	Supply of Boulder for soling including material and labour with transportation all complete as per drawing and specification.	Cum	97.74			
1.23	Supplying mixing, placing, compacting of plain cement concrete for foundation bases & lead upto 30m excluding the cost of formwork & reinforcement bars, as per drawing, specification & instruction all complete. a) 1:3:6 (1 Cement: 3 Sand: 6 crushed aggregate 20 mm and down well graded)	Cum	63.50			

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)**
1.24	Supplying mixing, placing, compacting of plain cement concrete on floors lead upto 30m as per drawing, specification & instruction all complete. b) P.C.C. 1:2:4 (1 Cement : 2 Sand : 4 crushed aggregate 20 mm and down well graded)	Cum	313.52			
1.25	Supplying mixing, placing, compacting reinforced cement concrete of 1:2:4 (1 Cement : 2 Sand : 4 Aggregate 20 mm and down well graded) excluding the cost of reinforcement bars & formwork as per drawing, specification and instruction all complete.	Cum	10.91			
1.26	Supplying mixing, placing, compacting reinforced cement concrete of 1:1.5:3 (1 Cement : 1.5 Sand : 3 Aggregate 20 mm and down well graded) excluding the cost of reinforcement bars & formwork as per drawing, specification and instruction all complete.	Cum	76.15			
1.27	Supplying mixing, placing, compacting reinforced cement concrete of 1:1.5:3 (1 Cement : 1.5 Sand : 3 Aggregate 20 mm and down well graded) including 2% of Water Profing Compound & excluding the cost of reinforcement bars & formwork as per drawing, specification and instruction all complete.	Cum	203.11			
1.28	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 and specification.	kg	52,749.98			
1.29	Preparation of formwork for floor and slab including of materials, cutting, nailing & fixing in position, removal and disposal with lead of 30m all complete as per drawing and specification.	Sqm	6,290.15			
1.30	Wood work for chaukhat, Door size (900mm x 2100mm) all complete as per drawing, specification & instruction an engineer.	Cum	0.10			
1.31	Supply of 38mm thick panneled door shutter as per drawing, specifcation and instruction all complete.	Sqm	21.95			

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)**
1.32	Providing & Fixing in position well Seasoned Dressed Sal Timber fully glazed Windows shutters with 75 x 38 mm section frame including the cost of 4 mm thick glass, wooden beads, nails, glass putty, heavy quality 2 Nos. 75 mm long MS Butt Hinges, 2 Nos.150 mm long tower bolts, 2 Nos. 100 mm handle (heavy quality aluminium) 150 mm hooks & eyes with screw etc. to each shutter all complete as per drawing, specification & instruction an engineer.	Sqm	28.76			
1.33	Salwood work for beams and joist including fixing all complete as per the instruction of Engineer	Cum	1.64			
1.34	Providing and laying 12.5 mm thick cement plaster over concrete surface with 1:3 cement sand mortar in perfect line & level including scaffolding, curing, etc. all complete as per drawing, specification & instruction.	Sqm	71.00			
1.35	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.	Sqm	1,125.71			
1.36	Providing and laying 12.5 mm thick cement plaster over concrete surface with 1:6 cement sand mortar in perfect line & level including scaffolding, curing, etc. all complete as per drawing, specification & instruction.	Sqm	56.70			
1.37	Providing, mixing, laying and compacting 20 mm thick cement sand screed (1:3) on floors in true line & level including curing as per drawing, specification and instructions.	Sqm	1,949.53			
1.38	Providing, mixing, laying and compacting 20 mm thick cement sand screed (1:4) on floors in true line & level including curing as per drawing, specification and instructions.	Sqm	244.82			
1.39	Providing, mixing, laying and compacting 20 mm thick cement sand screed (1:6) on floors in true line & level including curing as per drawing, specification and instructions.	Sqm	9.68			

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)**
1.40	Providing and laying 20mm thick cement plaster skirting on wall with 1:4 cement sand mortar in proper line and level and finished with a floating coat of near cement on as per drawing and specification and instructions of engineer.	Rm	247.20			
1.41	Providing and application of two or more coat of water proofing treatment (Tapecrete P151 PMC of CICO Brand or equivlalent) coating on the RCC terrace, slope roof, sunken slab, etc. with ordinary hand brash including cleaning of surface all complete as per drawing, specification and approval of engineer.	Sqm	159.96			
1.42	Supplying/mixing of approved quality concrete admixture mixing in concrete @ 250ml per bag of cement weight as per drawing & specification.	Cum	10.02			
1.43	Providing, mixing, laying cement sand punning with 1:1 cement sand mortar on floors in true line & level including curing as per drawing, specification and instructions.	Sqm	3,353.27			
1.44	Applying two or more coat of Enamel Paint/Plastic Emulsion Paint on wall and ceiling surface one coat of cement primer to give an even and uniform shade as per drawing, specification and instructions.	Sqm	214.12			
1.45	Applying two coats of Bitumin Paint to give an even and uniform shade as per drawing, specification and instructions.	Sqm	273.55			
1.46	Snowcem painting 2 coats on exposed surface to give an even and uniform shade as per drawing, specification and instructions.	Sqm	111.17			
1.47	Applying two coat of water proof cement paint on wall and ceiling surface to give an even and uniform shade.	Sqm	967.07			
1.48	Applying two or more coat of washable distemper paint on wall and ceiling surface one coat of cement primer to give an even and uniform shade.	Sqm	253.71			

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)**
1.49	Providing and fixing 530 x 400 mm size Orissa Pan with p/s trap, push botton flush buttom low level PVC flushing cistern, 900 long steel flush pipe (Per set).	Set	4.00			
1.50	Providing and fixing white glazed Vitreous China wash basin (Zen) of size 500 x400 mm (Cold) with CI or MS bracket painted white, 32 mm dia PVC bottle trap with tail piece, 15 mm dia C.P.pillor cock 15 mm dia C.P. stop cock with 460 mm long pipe connector with both end coupling joints 32 mm dia C.P. heavy casted waste coupling with C.P. Chain and rubbering.	Set	4.00			
1.51	Providing and fixing in position bevelled edged looking mirror with water proof plywood ground or any other approved quality CP clamps, screws, etc. all complete inculding the cost of glass shelf with 6mm thick clear glass as per drawing, specification and approval of Engineer.	Set	4.00			
1.52	Providing and fixing superior quality 15 mm dia CP bib taps (Jafer or equivalent with CP flage for pan etc.)	Set	4.00			
1.53	Providing and fixing 50mm dia CP shower with CP arm with all accessories all complete as per drawing & specification.	Set	4.00			
1.54	Providing and fixing 150 x 150 mm size stainless steel soap dish. (Per set)	Set	4.00			
1.55	Providing and fixing superior quality 20 mm dia. 600 mm long CP towel rod with CP brackets screws etc. (Per set)	Set	4.00			
1.56	Providing and fixing 110mm dia C.P grating fixed in position including the cost of grouting leaning all complete as per drawing & specification.	Set	16.00			
1.57	Providing and fixing rigid PVC pipe (Prince brand ISO 9002) for soil and waste disposal tested to 4 kg/cm2 with approved clamps all complete (110 mm dia UPVC pipe).	Rm	40.00			

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)**
1.58	Providing and fixing rigid PVC pipe (Prince brand ISO 9002) for soil and waste disposal tested to 4 kg/cm2 with approved clamps all complete (75 mm dia UPVC pipe).	Rm	76.00			
1.59	Providing and fixing 50mm dia UPVC pipesoil, waste and vent pipes including fittings for vertical and horizontal line having polyvinyl chloride pipe (UPVC) and fitting confirming to ISI of approved make of the following size in PVC adhesive cement joints including clean outs, cutting the pipe to the required length and fixing the pipe sleeves in the walls, clamp,hangers brackets etc. of approved type and keeping the pipe bafrel 50mm apart from the face of wall surface, including making holes/pockets in the walls or floors and finish to its original shape, testing the pipe line with smoke test, rectifying the leakage's if any, all complete as per drawings, specification and approval of Engineer.	Rm	40.00			
1.60	Supplying and fixing UPVC fittings with rubber ring all complete (110 mm dia UPVC bend).	No.	8.00			
1.61	Supplying and fixing UPVC fittings with rubber ring all complete (110 mm dia UPVC cowel)	No.	4.00			
1.62	Supplying and fixing UPVC fittings with rubber ring all complete (110 mm dia UPVC tee)	No.	4.00			
1.63	Supplying and fixing UPVC fittings with rubber ring all complete (75 mm dia UPVC bend)	No.	16.00			
1.64	Supplying and fixing 50mm dia. bend fixed in position including the cost of rubber gaskit in perfect line & level all complete as per drawing & specification.	No.	16.00			
1.65	Supplying and fixing 20mm dia G.I pipe fixed in position with fitting including the cost of clamp, hooks, nail, jointing mateirals, etc. all complete as per rawing & specification.	Rm	40.00			

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)**
1.66	Supplying and fixing 15mm dia medium class G.I pipe fixed in position with fittings including the cost of clamp, bolt, hooks, nail & jointing materials all complete as per drawing & specification.	Rm	40.00			
1.67	Providing and fixing heavy duty 20 mm dia GM Gate Valve (ISI C1-1) laxmi brand with wheel fixed in position with all accessories all complete as per Drawing & specification.	No.	4.00			
1.68	Providing and laying 110mm dia HDPE pipes for soil and waist line tested to 4.00 kg/cm2 laid in trenches in perfect line & level including the coat of earth work in excavation backfilling the trenches with 150mm th sand all complete as per drawing & specification.	Rm	20.00			
1.69	Providing and fixing UPVC 110 mm x 75 mm dia. Multi Floor Trap (4" High) all complete as per drawing & specification.	No.	8.00			
1.70	Providing & fixing CP glass self with CP round head steel screw etc. as per drawings, specification & approved by the C.R. all complete	No.	4.00			
1.71	Providing and fixing in position angle valve with spray including C.P Nipples etc. all complete.	No.	4.00			
1.72	Supply and installation of metal manhole cover 600mm dia including Labour cost as per drawing, specifcation and instruction all complete.	No.	67.00			
1.73	Supplying and Fabricating 20 x 6mm thick mild steel flat grill, truss, MS angle Section fixed in position with one coat of red oxide paint to metal surface all complete as per drawing and specification and instruction of Engineer.	Kg	872.78			
1.74	Machine made GI chain link of mesh size3"x3" 10SWG wire, 40mm dia. MC MS black pipe post (@2m c/c)in 25x25x4 mm MS angle frame (2mx1.2m) & 3x20mm MS strip welding, 1 coat red oxide primer and 2 coat enamel painting of MS units and fixing as per drawing all complete.	Sqm	1,440.00			

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)**
1.75	Transportation of GI pipes (medium class) and fittings, cutting, threading and positioning of pipes and installation of fittings all complete	Job	14.00			
1.76	Scafolding work for Reservoir Tank	Job	14.00			
1.77	Supply and installation of outer and inner steel pipe ladders as directed by site Engineer	set	28.00			
1.78	Construction site cleareance, leak proof test and disinfection of reservoir all complete	Job	14.00			
1.79	Supply of Iron Gate as per drawing and Specification and instruction of an Engineer	kg	4,000.00			
1.80	Fixing mosquito proof wiremesh in windows	m2	1.80			
1.81	Electrification work all complete including supply & installation of cable, (15A power socket points -1 No, 5A power socket points-1 No, CFL bulbs points-2 Nos all complete)	job	1.00			
1.82	Supply of CI Road Surface box as per specification and instruction of engineer.	no	4.00			
1.83	Fabrication/ Supply of 1" dia GI Valve Operating Key	no	4.00			
1.84	Supply of 140mm dia. HDPE PN10 Pipe as per specification and instruction of engineer.	Rm	11.20			
1.85	Supply of 140mm dia. CI Road Surface Valve Box as per specification and instruction of engineer.	Set	14.00			
1.86	Placing of CI Road surface valve box casted on RCC block with 140 dia. PE pipe as per specification and instruction of engineer.	LS	14.00			

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)**
1.87	Provide 25mm dia.x 1500mm long GI Valve Key as per specification and instruction of engineer.	LS	14.00			
1.88	Polythene Water Tank 1000 Litre all complete as per specification & instruction of an engineer.	No.	4.00			
1.89	Procurement, Supply and Installation of electrical fixtures (25 A Capacity) including all assessories (cable, power sockets etc.) in theoperator and guard house for 15 electric points for light and fans, 4 power sockets and 1 no. of ceiling fans for gaurd house	LS	4.00			
1.90	Supply & Installation of HDPE Tank 200 lit all complete as per specification & instruction of an engineer.	No.	80.00			
1.91	Supply & Installation of 1" dia PVC Tank Nipple all complete as per specification & instruction of an engineer.	No.	80.00			
1.92	Supply & Installation of 1" dia PVC Union all complete as per specification & instruction of an engineer.	No.	40.00			
1.93	Supply & Installation of 1" dia PVC BALL Valve all complete as per specification & instruction of an engineer.	No.	40.00			
1.94	Supply & Installation of 1 1/2" dia PVC Tank Nipple all complete as per specification & instruction of an engineer.	No.	80.00			
1.95	Supply & Installation of 1 1"2 dia PVC BALL Valve all complete as per specification & instruction of an engineer.	No.	80.00			
1.96	Supply & Installation of 1" dia PVC Tank Nipple all complete as per specification & instruction of an engineer.	No.	80.00			
1.97	Supply & Installation of 5/8 (8mm)size PU PIPE all complete as per specification & instruction of an engineer.	Rm	480.00			

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)**
1.98	Supply & Installation of Chemical Metering Pump all complete as per specification & instruction of an engineer.	Set	40.00			
1.99	Supply & Installation of Chemical Mixing Agitator all complete as per specification & instruction of an engineer.	Set	40.00			
1.100	Supply & Installation of 1" dia PVC PIPE all complete as per specification & instruction of an engineer.	No.	20.00			
1.101	Supply & Installation of Installation & transportation all complete as per specification & instruction of an engineer.	LS	40.00			
1.102	Electrical Transmission works for 220 volt, 2 wire 3/22 cupper wire line extension with 5 amp DP switch, 15 amp power socket & switch 2 nos including all necessary accessories all complete as per specification & instruction of an engineer.	Rm	2,000.00			
1.103	Procurement & Supply of 125mm dia road surface box with cover as per specification & instruction of an engineer.	No.	4.00			
1.104	Procurement & Supply of80mm dia GI Pipe as per specification & instruction of an engineer.	Rm	12.00			
1.105	Procurement & Supply of 80mm dia GI equal Tee as per specification & instruction of an engineer.	No.	4.00			
1.106	Procurement & Supply of 80mm dia Flange set as per specification & instruction of an engineer.	No.	8.00			
1.107	Procurement & Supply of 80mm dia GI union as per specification & instruction of an engineer.	No.	4.00			
1.108	Procurement & Supply of 80mm dia GI nipple 150mm long as per specification & instruction of an engineer.	No.	8.00			

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)**
1.109	Procurement & Supply of 80mm dia GM Gate valve as per specification & instruction of an engineer.	No.	4.00			
1.110	Procurement & Supply of 80mm dia GI Elbow as per specification & instruction of an engineer.	No.	4.00			
1.111	Procurement & Supply of DN 80 post Fire Hydrant as per specification & instruction of an engineer.	No.	4.00			
1.112	Procurement & Supply of 80mm dia GI Flange set with Nut bolt & washer as per specification & instruction of an engineer.	No.	4.00			
1.113	Installation of pipes and fittings as per specification & instruction of an engineer.	Job	4.00			
1.114	Placing and anchoring as per drawing & instruction of an engineer.	Job	1,238.00			
1.115	Procurement & Supply of 15 mm Saddle & Ferrul all complete as per drawing, specification & instruction of an engineer.	No.	1,754.00			
1.116	Procurement & Supply of 15 mm dia Compression Brass Union all complete as per drawing, specification & instruction of an engineer.	No.	7,016.00			
1.117	Procurement & Supply of 20 mm dai PE-100 PN-16 all complete as per drawing, specification & instruction of an engineer.	Rm	35,080.00			
1.118	Procurement & Supply of 15 mm dai GI Elbow all complete as per drawing, specification & instruction of an engineer.	No.	10,524.00			
1.119	Procurement & Supply of 15 mm dai GI Nipple 50 mm long all complete as per drawing, specification & instruction of an engineer.	No.	3,508.00			
1.120	Procurement & Supply of 15 mm dai GI Nipple 225 mm long all complete as per drawing, specification & instruction of an engineer.	No.	3,508.00			

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)
1.121	Procurement & Supply of 15 mm dia Ball Valve all complete as per drawing, specification & instruction of an engineer.	No.	1,754.00			
1.122	Procurement & Supply of 15 mm dia Rotary Piston Water Meter, brass boady,dray dial, flow rate max. 1500lit/hr with one-way valve all complete as per drawing, specification & instruction of an engineer.	No.	1,754.00			
1.123	Procurement & Supply of 15 mm dai Socket all complete as per drawing, specification & instruction of an engineer.	No.	1,754.00			
1.124	Procurement & Supply of Brass Bib Cock all complete as per drawing, specification & instruction of an engineer.	No.	1,754.00			
1.125	Installation of pipes and fittings all complete as per drawing, specification & instruction of an engineer.	Job	1,754.00			
1.126	Supply , Erection/Strainging/Commission, and delivery (Transportation up to site, pit excavation of footing and erection of poles with all necessary accesories all complete set) of 11m long Single Arm Structure Steel Tublar Pole accessoreis like 11 kv pin insulator , MS Channel line material with nutbolt and washwer to the site all complete as per technical specification and drawings.	set	25.00			
1.127	Supply, Delivey, Installation, Testing and Commissioning of H-Pole 11m long Steel Tublar Pole including all GI channel & hardwares, Lightning Arrester, DO Fuse, Disc, Pin Insulator, GOAB and all chanels including complete earthwork excavation and backfilling with stone and earth properly compressed around the pole. Approximate weight, thickness, height Pole to be as per the NEA Standard and Specification. - Pole Frame -Tr Structure	set	3.00			
1.128	Supply, Installation, Testing and Commissioning of W, 11 KV line using 0.5 sq. inch ACSR Rabbit conductor including jumper & binding works of the conductors as per NEA rules, design, specification, instructions all complete. Above highway crossing conductors shall be raised with 1.5 mtrs. long cross arms with all required accessories.	m	3,000.00			

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)
1.129	Supply, installation & testing of HT stay set comprising of - 600 × 600 × 6mm earth plate, - 19mm GI Stay Rod, - turnbuckle, - Stay insulator, - 16 × 305mm GI eye bolt, - 7/4mm stay wire average length 9mtrs including pit excavation and refilling same after stay fixing as per NEA rules, design, specification, instructions all complete.	set	12.00			
1.130	Supply, installation, testing and commissioning of Outdoor Type Low Loss 50 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 specifications Certified and Tested from NEA. (EPE, NEEK or equivalent Make)	Set	2.00			
1.131	Supply, installation, testing and commissioning 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 specifications Certified and Tested from NEA. (EPE, NEEK or equivalent Make)	Set	1.00			
1.132	Supply, installation, testing & commissioning of Smart TOD metering unit & taping arrangement with all required accessories including connection to earthing as per NEA rules, design, specification, instructions all complete.	Nos	3.00			
1.133	Supply, delivery, embedding 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 thickness of 300mm around the electrode effectively grounded by means of 8 SWG bare copper conductor running frm earth plate to MPB and to all	Set	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)**
1.134	Supply and Installation of 8SWG CU Wire for Earthing through 20mm dia. PVC Conduit Pipe as per drawings, specifications and as directed by an engineer all complete.	m	360.00			
1.135	H/T Line shutdown charge as per NEA for the grid line connection to the supplied source	Hours	36.00			
1.136	Supply and installation of pole box, 100A MCB as per drawings, specifications and as directed by an engineer all complete.	Nos	6.00			
1.137	Supply and installation of Silverised finish street light: WSS 24070 with 1 x 70W HPSP with internal starter (IP65 pot optics) or Philips or Equivalent as per drawings, specifications and as directed by an engineer all complete.	Nos	2.00			
1.138	Supply and installation of 8 meter swaged tubular street light pole with pole mounted junction box and accessories as per drawings, specifications and as directed by an engineer all complete.	Nos	6.00			
1.139	Supply and installation of Power cable for street light 2 core 4 sq.mm unarmoured as per drawings, specifications and as directed by an engineer all complete.	RM	1,080.00			
1.140	Miscellaneous items: Cable Socket, PVC tape, waterproof cable jointing materisals	LS	3.00			
1.141	Supply and Installation of Single Flanged D.I Bell Mouth DN 80 mm all complete as per drawing, specification and instruction of Engineer.	no	1.00			
1.142	Supply and Installation of Single Flanged D.I Bell Mouth DN 100 mm all complete as per drawing, specification and instruction of Engineer.	no	2.00			
1.143	Supply and Installation of MS Flange Set, MS ISOD Flange, ERW, 22 mm thick flange set with Nut & Bolt DN 300 mm all complete as per drawing, specification and instruction of Engineer.	set	15.00			

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)**
1.144	Supply and Installation of MS Flange Set, MS ISOD Flange, ERW, 22 mm thick flange set with Nut & Bolt DN 80 mm all complete as per drawing, specification and instruction of Engineer.	set	5.00			
1.145	Supply and Installation of MS Flange Set, MS ISOD Flange, ERW, 22 mm thick flange set with Nut & Bolt DN 100 mm all complete as per drawing, specification and instruction of Engineer.	set	10.00			
1.146	Supply and Installation of MS/ GI Pipe, ERW pipes with thickness 7mm(minimum) DN 300 mm all complete as per drawing, specification and instruction of Engineer.	m	18.00			
1.147	Supply and Installation of Bend Seamless (900), ASTM-40DN 80 mm all complete as per drawing, specification and instruction of Engineer.	no	8.00			
1.148	Supply and Installation of Bend Seamless (900), ASTM-40DN 100 mm all complete as per drawing, specification and instruction of Engineer.	no	16.00			
1.149	Supply and Installation of Cast Steel Gate Valve, Class 300 confirming to BS:1414 or equivalent. Hydraulic Test pressure: Body 76 kg/cm2, Seat 55 kg/cm2, including ISOD Flange, Nut & bolt, Gasket with standard size and specification.DN 80 mm all complete as per drawing, specification and instruction of Engineer.	no	2.00			
1.150	Supply and Installation of Cast Steel Gate Valve, Class 300 confirming to BS:1414 or equivalent. Hydraulic Test pressure: Body 76 kg/cm2, Seat 55 kg/cm2, including ISOD Flange, Nut & bolt, Gasket with standard size and specification.DN 100 mm all complete as per drawing, specification and instruction of Engineer.	no	4.00			
1.151	Supply and Installation of Cast Steel Non-retern Valve (NRV), Class 300 confirming to BS:1414 or equivalent. Hydraulic Test pressure: Body 76 kg/cm2, Seat 55 kg/cm2, including ISOD Flange, Nut & bolt, Gasket with standard size and specification.DN 80 mm all complete as per drawing, specification and instruction of 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)
1.152	Supply and Installation of Cast Steel Non-retern Valve (NRV), Class 300 confirming to BS:1414 or equivalent. Hydraulic Test pressure: Body 76 kg/cm2, Seat 55 kg/cm2, including ISOD Flange, Nut & bolt, Gasket with standard size and specification.DN 100 mm all complete as per drawing, specification and instruction of Engineer.	no	4.00			
1.153	Supply and Installation of Double flanged DI Sluice/ Gate valve PN16 Complete with sets of Nuts and bolts, fasteners, Sealing Rings and required accessories etc DN 80 mm all complete as per drawing, specification and instruction of Engineer.	no	1.00			
1.154	Supply and Installation of Double flanged DI Sluice/ Gate valve PN16 Complete with sets of Nuts and bolts, fasteners, Sealing Rings and required accessories etc DN 100 mm all complete as per drawing, specification and instruction of Engineer.	no	2.00			
1.155	Supply and Installation of Pressure Gauge, wet dial type, working pressure of 500 kg/cm2 with complete set of accessories for 1/2" dia connection are socket with guide and bal valve. all complete as per drawing, specification and instruction of Engineer.	Set	3.00			
1.156	Supply and Installation of DI Mechanical couplingDN 80 mm all complete as per drawing, specification and instruction of Engineer.	no	3.00			
1.157	Supply and Installation of DI Mechanical couplingDN 100 mm all complete as per drawing, specification and instruction of Engineer.	no	6.00			
1.158	Supply and Installation of MS Blind Flange, ISOD ERW, 22 mm thickDN 300 mm all complete as per drawing, specification and instruction of Engineer.	no	6.00			
1.159	Supply and Installation of MS Dish Plate MS, ERW, 12 mm thick for Pipe Sump-well end plugingDN 300 mm all complete as per drawing, specification and instruction of Engineer.	no	6.00			
1.160	Supply and Installation of Chain Pulley Block, 3.0 ton for GANTRY all complete as per drawing, specification and instruction of Engineer.	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)**
1.161	Supply and Installation of Nut & Bolt made with Forged Steel in different size supply all complete as per drawing, specification and instruction of Engineer.	kg	15.00			
1.162	Installation, Testing and Commissioning of Submersible Pump/ Motor, Cable, Connector-box and Control Panel including seting of Valves, Pressure Valves all complete works(cutting, bending, welding) with water-proofing tap, binding tap, Cable shoe and wall nut, etc. all complete as per drawing, specification and instruction of Engineer.	set	3.00			
1.163	Fabrication, Installation, Testing and Commissioning of Pipe Sump-well for Submersible Pump/ Motor with setting of Riser pipes with Discharge Bends. all complete as per drawing, specification and instruction of Engineer.	set	3.00			
1.164	Fabrication and Installation of 150mm dia GI Pipe GANTRY for installation and maintenance of Submersible Pump/ Motor at Pumping Station. all complete as per drawing, specification and instruction of Engineer.	set	3.00			
1.165	Supply and Installation of Submersible Motor Pump with 50 Hz, 3 phase, motor star delta connection. Pumping Discharge (Q)-8.0 lps @ Delivery of Total Head (H)-205±20 m all complete as per drawing, specification and instruction of Engineer.	set	1.00			
1.166	Supply and Installation of Submersible Motor Pump with 50 Hz, 3 phase, motor star delta connection. Pumping Discharge (Q)-6.7 lps @ Delivery of Total Head (H)-307±30 m all complete as per drawing, specification and instruction of Engineer.	set	1.00			
1.167	Supply and Installation of 17.5 HP Star/Delta (S/D) Control Pannel all complete as per drawing, specification and instruction of Engineer.	set	1.00			
1.168	Supply and Installation of 41 HP Star/Delta (S/D) Control Pannel all complete as per drawing, specification and instruction of Engineer.	set	1.00			

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)
1.169	Supply and Installation of 700MM x 600MM x 200MM Size Main Distribution Panel Board for up to 60/70 HP Pump Fabricated out of 16swg m/s sheet metal, Separate compartment for Incoming & Outgoing Feeder, Lockable Double Door Front Openable, Floor Mounted Type. With TPNE Copper Bus bar and Internal wiring, Angle Stand with 100A FP Change Over switch Incoming, 200A TPNE Copper Bus bar, 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 per drawing, specification and instruction of Engineer.	set	2.00			
1.170	Supply and Installation of 95 Sq.mm. ABC Power Cableall complete as per drawing, specification and instruction of Engineer.	Rm	100.00			
1.171	Supply and Installation of 16 Sq. mm. 4 Core Copper Conductor Armoured Power Cables NS Marked or Equivalentall complete as per drawing, specification and instruction of Engineer.	Rm	50.00			
1.172	Supply and Installation of 25 Sq. mm. 3.5 Core Copper Conductor Armoured Power Cables NS Marked or Equivalentall complete as per drawing, specification and instruction of Engineer.	Rm	50.00			
1.173	Supply and Installation of 35 Sq. mm. 4 Core Copper Conductor Armoured Power Cables NS Marked or Equivalentall complete as per drawing, specification and instruction of Engineer.	Rm	50.00			
1.174	Supply and Installation of 4 Sq mm. Core Flat Submersible Flexible Copper Cableall complete as per drawing, specification and instruction of Engineer.	Rm	100.00			
1.175	Supply and Installation of 16 Sq mm. Core Flat Submersible Flexible Copper Cableall complete as per drawing, specification and instruction of Engineer.	Rm	100.00			
1.176	Supply and Installation of Float Ball (Switch) with 30m, 3x22 PVC insulated copper sencer cable for Dry-Run protection.all complete as per drawing, specification and instruction of Engineer.	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)**
1.177	Procurement Supply , laying and jointing of 63 mm PE-100 PN-6 all complete as per drawing, specification & intruction of an engineer.	Rm	44.00			
1.178	Procurement Supply , laying and jointing of 75 mm PE-100 PN-6 all complete as per drawing, specification & intruction of an engineer.	Rm	72.00			
1.179	Procurement Supply , laying and jointing of 90 mm PE-100 PN-6 all complete as per drawing, specification & intruction of an engineer.	Rm	1,574.00			
1.180	Procurement Supply , laying and jointing of 110 mm PE-100 PN-6 all complete as per drawing, specification & intruction of an engineer.	Rm	256.00			
1.181	Procurement Supply , laying and jointing of 140 mm PE-100 PN-6 all complete as per drawing, specification & intruction of an engineer.	Rm	404.00			
1.182	Procurement Supply , laying and jointing of 160 mm PE-100 PN-6 all complete as per drawing, specification & intruction of an engineer.	Rm	2.40			
1.183	Procurement Supply , laying and jointing of 180 mm PE-100 PN-6 all complete as per drawing, specification & intruction of an engineer.	Rm	28.00			
1.184	Procurement Supply , laying and jointing of 32 mm PE-100 PN-10 all complete as per drawing, specification & intruction of an engineer.	Rm	5,228.00			
1.185	Procurement Supply , laying and jointing of 40 mm PE-100 PN-10 all complete as per drawing, specification & intruction of an engineer.	Rm	7,726.00			
1.186	Procurement Supply , laying and jointing of 50 mm PE-100 PN-10 all complete as per drawing, specification & intruction of an engineer.	Rm	20,148.00			
1.187	Procurement Supply , laying and jointing of 63 mm PE-100 PN-10 all complete as per drawing, specification & intruction of an engineer.	Rm	13,508.00			
1.188	Procurement Supply , laying and jointing of 75 mm PE-100 PN-10 all complete as per drawing, specification & intruction of an engineer.	Rm	2,929.00			

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)
1.189	Procurement Supply , laying and jointing of 90 mm PE-100 PN-10 all complete as per drawing, specification & intruction of an engineer.	Rm	257.00			
1.190	Procurement Supply , laying and jointing of 140 mm PE-100 PN-10 all complete as per drawing, specification & intruction of an engineer.	Rm	557.00			
1.191	Procurement Supply , laying and jointing of 160 mm PE-100 PN-10 all complete as per drawing, specification & intruction of an engineer.	Rm	90.00			
1.192	Procurement Supply , laying and jointing of 32 mm PE-100 PN-12.5 all complete as per drawing, specification & intruction of an engineer.	Rm	696.00			
1.193	Procurement Supply , laying and jointing of 40 mm PE-100 PN-12.5 all complete as per drawing, specification & intruction of an engineer.	Rm	1,383.00			
1.194	Procurement Supply , laying and jointing of 50 mm PE-100 PN-12.5 all complete as per drawing, specification & intruction of an engineer.	Rm	2,042.00			
1.195	Procurement Supply , laying and jointing of 63 mm PE-100 PN-12.5 all complete as per drawing, specification & intruction of an engineer.	Rm	1,042.00			
1.196	Procurement Supply , laying and jointing of 75 mm PE-100 PN-12.5 all complete as per drawing, specification & intruction of an engineer.	Rm	1,164.00			
1.197	Procurement Supply , laying and jointing of 140 mm PE-100 PN-12.5 all complete as per drawing, specification & intruction of an engineer.	Rm	1,108.00			
1.198	Procurement Supply , laying and jointing of 32 mm PE-100 PN-16 all complete as per drawing, specification & intruction of an engineer.	Rm	1,081.00			
1.199	Procurement Supply , laying and jointing of 40 mm PE-100 PN-16 all complete as per drawing, specification & intruction of an engineer.	Rm	1,419.00			
1.200	Procurement Supply , laying and jointing of 50 mm PE-100 PN-16 all complete as per drawing, specification & intruction of an engineer.	Rm	2,108.00			

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)**
1.201	Procurement Supply , laying and jointing of 63 mm PE-100 PN-16 all complete as per drawing, specification & intruction of an engineer.	Rm	861.00			
1.202	Procurement Supply , laying and jointing of 15 mm GI Medium Duty all complete as per drawing, specification & intruction of an engineer.	Rm	79.00			
1.203	Procurement Supply , laying and jointing of 40 mm GI Medium Duty all complete as per drawing, specification & intruction of an engineer.	Rm	158.00			
1.204	Procurement Supply , laying and jointing of 50 mm GI Medium Duty all complete as per drawing, specification & intruction of an engineer.	Rm	165.00			
1.205	Procurement Supply , laying and jointing of 65 mm GI Medium Duty all complete as per drawing, specification & intruction of an engineer.	Rm	40.00			
1.206	Procurement Supply , laying and jointing of 80 mm GI Medium Duty all complete as per drawing, specification & intruction of an engineer.	Rm	20.00			
1.207	Procurement Supply , laying and jointing of 100 mm GI Medium Duty all complete as per drawing, specification & intruction of an engineer.	Rm	26.00			
1.208	Procurement Supply , laying and jointing of 100 mm GI Heavy Duty all complete as per drawing, specification & intruction of an engineer.	Rm	2,478.00			
1.209	Procurement , Supply and jointing of Brass Union 40 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	23.00			
1.210	Procurement , Supply and jointing of Brass Union 50 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	127.00			
1.211	Procurement , Supply and jointing of Air Valve 15 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	7.00			
1.212	Procurement , Supply and jointing of 100 mm dia GI Elbow (NS – 383) all complete as per drawing, specification & intruction of an engineer.	Nos.	8.00			

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)**
1.213	Procurement , Supply and jointing of 15 mm dia GI Elbow (NS – 383) all complete as per drawing, specification & intruction of an engineer.	Nos.	24.00			
1.214	Procurement , Supply and jointing of 40 mm dia GI Elbow (NS – 383) all complete as per drawing, specification & intruction of an engineer.	Nos.	24.00			
1.215	Procurement , Supply and jointing of 50 mm dia GI Elbow (NS – 383) all complete as per drawing, specification & intruction of an engineer.	Nos.	47.00			
1.216	Procurement , Supply and jointing of 65 mm dia GI Elbow (NS – 383) all complete as per drawing, specification & intruction of an engineer.	Nos.	13.00			
1.217	Procurement , Supply and jointing of GI Equal Tee 50 mm dia (NS - 383) all complete as per drawing, specification & intruction of an engineer.	Nos.	6.00			
1.218	Procurement , Supply and jointing of GI Equal Tee 80 mm dia (NS - 383) all complete as per drawing, specification & intruction of an engineer.	Nos.	1.00			
1.219	Procurement , Supply and jointing of GI Equal Tee 40 mm dia (NS - 383) all complete as per drawing, specification & intruction of an engineer.	Nos.	18.00			
1.220	Procurement , Supply and jointing of GI Nipple 100 mm dia, 150 mm long all complete as per drawing, specification & intruction of an engineer.	Nos.	13.00			
1.221	Procurement , Supply and jointing of GI Nipple 40 mm dia, 150 mm long all complete as per drawing, specification & intruction of an engineer.	Nos.	317.00			
1.222	Procurement , Supply and jointing of GI Nipple 50 mm dia, 150 mm long all complete as per drawing, specification & intruction of an engineer.	Nos.	178.00			

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)**
1.223	Procurement , Supply and jointing of GI Nipple 80 mm dia, 150 mm long all complete as per drawing, specification & intruction of an engineer.	Nos.	22.00			
1.224	Procurement , Supply and jointing of GI Reducer 125 mmx100 mm all complete as per drawing, specification & intruction of an engineer.	Nos.	1.00			
1.225	Procurement , Supply and jointing of GI Reducer 50 mm x 40 mm all complete as per drawing, specification & intruction of an engineer.	Nos.	9.00			
1.226	Procurement , Supply and jointing of GI Reducer 65 mmx50 mm all complete as per drawing, specification & intruction of an engineer.	Nos.	14.00			
1.227	Procurement , Supply and jointing of GI Socket 50 mm dia (NS - 383) all complete as per drawing, specification & intruction of an engineer.	Nos.	8.00			
1.228	Procurement , Supply and jointing of GI Strainer 125 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	1.00			
1.229	Procurement , Supply and jointing of GI Strainer 50 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	9.00			
1.230	Procurement , Supply and jointing of GI Strainer 65 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	14.00			
1.231	Procurement , Supply and jointing of GI Unequal Tee 100 mm x 100 mm x 15 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	1.00			
1.232	Procurement , Supply and jointing of GI Unequal Tee 100 mm x 100 mm x 40 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	1.00			
1.233	Procurement , Supply and jointing of GI Unequal Tee 100 mm x 100 mm x 50 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	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)**
1.234	Procurement , Supply and jointing of GI Unequal Tee 40 mm x 40 mm x 15 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	11.00			
1.235	Procurement , Supply and jointing of GI Unequal Tee 50 mm x 50 mm x 15 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	18.00			
1.236	Procurement , Supply and jointing of GI Unequal Tee 50 mm x 50 mm x 40 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	31.00			
1.237	Procurement , Supply and jointing of GI Unequal Tee 80 mm x 80 mm x 15 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	1.00			
1.238	Procurement , Supply and jointing of GI Unequal Tee 80 mm x 80 mm x 40 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	3.00			
1.239	Procurement , Supply and jointing of GI Unequal Tee 80 mm x 80 mm x 50 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	1.00			
1.240	Procurement , Supply and jointing of GI Union 15 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	7.00			
1.241	Procurement , Supply and jointing of GI Union 40 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	226.00			
1.242	Procurement , Supply and jointing of GI Union 50 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	109.00			
1.243	Procurement , Supply and jointing of GI Union 80 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	17.00			

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)**
1.244	Procurement , Supply and jointing of 100 mm dia GI Flange all complete as per drawing, specification & intruction of an engineer.	Nos.	7.00			
1.245	Procurement , Supply and jointing of GI/HDP Flange Set 100 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	6.00			
1.246	Procurement , Supply and jointing of GI/HDP Flange Set 50 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	84.00			
1.247	Procurement , Supply and jointing of GI/HDP Flange Set 80 mm dia all complete as per drawing, specification & intruction of an engineer.	Nos.	14.00			
1.248	Procurement , Supply and jointing of GM Gate Valve 100 mm dia (NS 149-2044) all complete as per drawing, specification & intruction of an engineer.	Nos.	3.00			
1.249	Procurement , Supply and jointing of GM Gate Valve 40 mm dia (NS 149-2044) all complete as per drawing, specification & intruction of an engineer.	Nos.	19.00			
1.250	Procurement , Supply and jointing of GM Gate Valve 50 mm dia (NS 149-2044) all complete as per drawing, specification & intruction of an engineer.	Nos.	31.00			
1.251	Procurement , Supply and jointing of GM Gate Valve 80 mm dia (NS 149-2044) all complete as per drawing, specification & intruction of an engineer.	Nos.	1.00			
1.252	Procurement , Supply and jointing of GM Gate Valve 100 mm dia (NS 149-2044) all complete as per drawing, specification & intruction of an engineer.	Nos.	3.00			
1.253	Procurement , Supply and jointing of GM Gate Valve 40 mm dia (NS 149-2044) all complete as per drawing, specification & intruction of an engineer.	Nos.	19.00			

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)**
1.254	Procurement , Supply and jointing of GM Gate Valve 50 mm dia (NS 149-2044) all complete as per drawing, specification & intruction of an engineer.	Nos.	31.00			
1.255	Procurement , Supply and jointing of GM Gate Valve 80 mm dia (NS 149-2044) all complete as per drawing, specification & intruction of an engineer.	Nos.	1.00			
1.256	Procurement & Supply of Adjustable Wrench-10" all complete as per drawing, specification & intruction of an engineer.	Pc.	2.00			
1.257	Procurement & Supply of Adjustable Wrench-12" all complete as per drawing, specification & intruction of an engineer.	Pc.	1.00			
1.258	Procurement & Supply of Monkey pliers-10" all complete as per drawing, specification & intruction of an engineer.	Pc.	1.00			
1.259	Procurement & Supply of Pipe wrench-12" all complete as per drawing, specification & intruction of an engineer.	Pc.	1.00			
1.260	Procurement & Supply of Pipe wrench-14" all complete as per drawing, specification & intruction of an engineer.	Pc.	1.00			
1.261	Procurement & Supply of Pipe wrench-18" all complete as per drawing, specification & intruction of an engineer.	Pc.	1.00			
1.262	Procurement & Supply of Chain Pipe wrench-6" all complete as per drawing, specification & intruction of an engineer.	Pc.	1.00			
1.263	Procurement & Supply of Chain Pipe wrench-8" all complete as per drawing, specification & intruction of an engineer.	Pc.	1.00			
1.264	Procurement & Supply of Screw driver all complete as per drawing, specification & intruction of an engineer.	Set	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)**
1.265	Procurement & Supply of Chisel-6" all complete as per drawing, specification & intruction of an engineer.	Pc.	1.00			
1.266	Procurement & Supply of Chisel-8" all complete as per drawing, specification & intruction of an engineer.	Pc.	1.00			
1.267	Procurement & Supply of Chisel-12" all complete as per drawing, specification & intruction of an engineer.	Pc.	1.00			
1.268	Procurement & Supply of Die Set-1/2''-1" all complete as per drawing, specification & intruction of an engineer.	Set	2.00			
1.269	Procurement & Supply of Die Set-1/4''-2" all complete as per drawing, specification & intruction of an engineer.	Set	2.00			
1.270	Procurement & Supply of Die Set-21/2''-3" all complete as per drawing, specification & intruction of an engineer.	Set	2.00			
1.271	Procurement & Supply of Ball Pan Hammer-1kg all complete as per drawing, specification & intruction of an engineer.	Pc.	1.00			
1.272	Procurement & Supply of Ball Pan Hammer-2.5kg all complete as per drawing, specification & intruction of an engineer.	Pc.	1.00			
1.273	Procurement & Supply of Ratchet Die 1/2"-1" all complete as per drawing, specification & intruction of an engineer.	Pc.	1.00			
1.274	Procurement & Supply of Hackhaw frame and blade all complete as per drawing, specification & intruction of an engineer.	Set	1.00			
1.275	Procurement & Supply of Electric pipe cutter set of approved quality for pipeup to 250 mm diameter (quality should be approved by the Engineer) all complete as per drawing, specification & intruction of an engineer.	Set	1.00			

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)
1.276	Procurement & Supply of Standard mechinacal jack set of approved quality for HDPE pipe fittings and jointing up to 160mm diameter all complete as per drawing, specification & intruction of an engineer.	Set	1.00			
1.277	Procurement & Supply of Standard die set of approved quality for 15mm to 200mmGI pipe all complete as per drawing, specification & intruction of an engineer.	Set	1.00			
1.278	Procurement & Supply of Standard pipe vice set of approved quality for 15mm to 200mmGI pipe all complete as per drawing, specification & intruction of an engineer.	Set	1.00			
1.279	Procurement & Supply of Standard heating plate of diameter 12" of approved quality for HDPE all complete as per drawing, specification & intruction of an engineer.	Set	1.00			
1.280	Procurement & Supply of Standard tool box of approved quality for pumping works all complete as per drawing, specification & intruction of an engineer.	Set	1.00			
1.281	Procurement & Supply of Standard chain pully with suitable tripod set of approved quality all complete as per drawing, specification & intruction of an engineer.	Set	1.00			
1.282	Procurement & Supply of Pipe drilling and tapping machine (for DI,CI,GI pipes under pressure and dry) all complete as per drawing, specification & intruction of an engineer.	Set	1.00			
1.283	Procurement & Supply of HDPE pipe welding Machnine all complete as per drawing, specification & intruction of an engineer.	no	1.00			
1.284	Procurement & Supply of 5 KVA Disel Generator all complete as per drawing, specification & intruction of an engineer.	no	1.00			
1.285	Procurement & Supply of Mechanical pipe cutter set of approved quality all complete as per drawing, specification & intruction of an engineer.	Set	1.00			

Total Item Price	
VAT (13.00%)	
Grand Total	