

| Bill of Quantity(BOQ) | | | | | |
|---|---|---|------------------------|-------------------|------------------------------|
| Bill of Quantity for Construction, Erection, Supply, Installation, Testing and Commissioning of 22 Nos. of Storm Water Drainage Pumping Stations in Patna, Bihar. | | | | | |
| S.No | Item Of Work | Quantity | Unit | Rate (in Figures) | Amount (in Rs.) |
| A Civil Work | | | | | |
| A.i For Pump House | | | | | |
| 1 | Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as directed by Engineer-in-Charge.(Mechanical Means) | | | | |
| a | Upto 3m depth | 94045.11 | Cum | | 0.00 |
| b | 3 to 6m depth | 91045.34 | Cum | | 0.00 |
| c | Above 6m depth | 109666.14 | Cum | | 0.00 |
| 2 | Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like completed as directed by Engineer-in-Charge. | 1364678.28 | KL | | 0.00 |
| 3 | Supply of Z type Hot Rolled Sheet Pile (as per Technical Specification) | 682.75 | MT | | 0.00 |
| 4 | Driving M S sheet piles of any kind of approved type and size conforming to I.S. code in all kinds of soil/ soil mixed with gravel, shingle & pebbles, by vibro-sinker including handling, cutting to requisite size, drilling holes, hoisting in position, welding, fabrication of sets of tapper piles, corner piles etc. with clutch bars as may be required including staging, scaffolding and hire charges of driving machinery and equipments, scraping and cleaning piles, painting the surface with one coat of surface primer of approved make and brand and two coats of ready mixed oil bound paint (except red lead and black japan) etc. including all cost of labours, supply and carriage of equipments to site (by any mean) as per drawing and direction of the Engineer-in-charge but excluding the cost of sheet piles. NB:- Measurement of area underground to be taken i.e. straight length of pile multiplied by driven length). | 19140.80 | Sqm | | 0.00 |
| 5 | Extraction of driven sheet piles carefully by chain pulley block and rope drum or equivalent arrangement, stacking at site at a suitable location within a lead of 100 metre from the site of work as per direction of the Engineer-in-charge. | 19140.80 | Sqm | | 0.00 |
| 6 | Supplying and filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete as directed by Engineer-in-Charge. | 16854.71 | Cum | | 0.00 |
| 7 | Plain Cement Concrete in Open Foundation including formwork complete as per Drawing and Technical Specifications complete as directed by Engineer-in-Charge. | 7958.47 | Cum | | 0.00 |
| 8 | M30-Grade For Sub Structure - Reinforced cement concrete in sub-structure including formwork complete as per drawing and technical specifications complete as directed by Engineer-in-Charge.(With Batching Plant, Transit Mixer and Concrete Pump) | | | | |
| a | Raft,Divide Wall,Semi Circular wall,Side wall,down stream wall,baffle wall,wearing coat,Stub beams,counter forts piers,Motor floor beams,Slab,Service bay beams,Slabs,Forebay walls,Silt trap,Gate portion & transsion Portion | 86842.08 | Cum | | 0.00 |
| 9 | Super Structure - Furnishing and Placing Reinforced cement concrete in super-structure as per drawing and Technical Specification including formwork complete as directed by Engineer-in-Charge. (Using Batching Plant, Transit Mixer and Concrete Pump) | | | | |
| a | Footings, Columns-C1 (upto Corbel Beam), Switch Gear-C2, Extra for Service Bay Columns,Stub Columns, FloorSlab, Roof Slab, For DG set & Office Room, Office Room Beams, lintel Beams and Thrust blocks | 9106.30 | Cum | | 0.00 |
| b | Columns Above Corbel Beam ,Corbal Beams | 461.32 | Cum | | 0.00 |
| c | Control Room Roof Slab,Beams,Main PH Beams, Slabs,Stair Case & Toilets | 4598.34 | Cum | | 0.00 |
| 10 | Supplying, fitting and placing un-coated HYSD bar reinforcement in foundation complete as per drawing and technical specifications complete as directed by Engineer-in-Charge. | 9746194.34 | Kg | | 0.00 |
| 11 | Structural Steel for Gantry Girders conforming to IS:2062-2008 complete as directed by Engineer-in-Charge. | 110910.00 | Kg | | 0.00 |
| 12 | Brick masonry work in cement mortar in foundation complete excluding pointing and plastering, as per drawing and technical specifications: With FLY ASH Bricks complete as directed by Engineer-in-Charge. | 488.93 | Cum | | 0.00 |
| 13 | Outside 12 mm cement plaster of mix 1:6 (1 cement : 6 coarse sand) complete as directed by Engineer-in-Charge. | 17976.58 | Sqm | | 0.00 |
| 14 | 15 mm cement plaster on rough side of single or half brick wall of mix complete as directed by Engineer-in-Charge. | 17976.58 | Sqm | | 0.00 |
| 15 | Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade complete as directed by Engineer-in-Charge. | 17976.58 | Sqm | | 0.00 |
| 16 | Applying one coat of cement primer of approved brand and manufacture on wall surface complete as directed by Engineer-in-Charge. | 17976.58 | Sqm | | 0.00 |
| 17 | Supply & fixing of Rolling shutter made of 80 x 1.25 mm machine rolled CRCA laths, interlocked together through their entire length and jointed together at the ends by endlocks, mounted on specially designed pipe shaft of 50mm dia nominal bore MS B class pipe with brackets, plates, guide channels, stoppers, bottom locking plates and arrangements for inside & outside locking with push-pull operations including cost of hood cover and springs complete, painted with one coat of approved steel primer, locks, ball bearings, all accessories etc complete for finished item of work as per specials complete as directed by Engineer-in-Charge. | 756.00 | Sqm | | 0.00 |
| 18 | Providing and fixing of Casement/ Openable Windows made of pre-painted steel as per IS 513 of 0.58 mm thick galvanized as per IS 277, finish painted with a polyester paint and section for outer frame of 48 x 50 mm, centre mullion of 48 x 50 mm, section for shutter of 48 x 25 mm and the fixed glass leading section should be 12 x 12 mm and the outer frame and mullions to have rebate for glazed shutter with a 20 mm provision for guard bars/grills, handle, stay, 2 nos. of stainless steel heavy duty pivot hinges provided per shutter and windows fitted with 5 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, including 10mm Square guard bars with 6" (152.4mm) pitch etc., complete Single shutter Window without vertical mullion for size 2'0"x4'0" (609.6mm x 1219.2mm) including cost of all materials, fixtures, labour and HOM of machinery complete as per specifications complete as directed by Engineer-in-Charge. | 702.00 | Sqm | | 0.00 |
| 19 | Providing and fixing of Ventilators made of pre-painted steel as per IS 513 of 0.58 mm thick galvanized as per IS 277, finish painted with a polyester paint and section for outer frame of 48 x 50 mm, centre mullion of 48 x 50 mm, section for shutter of 48 x 25 mm and the fixed glass leading section should be 12 x 12 mm and the outer frame and mullions to have rebate for glazed shutter with a 20 mm provision for guard bars/grills, handle, stay, 2 nos. of stainless steel heavy duty pivot hinges provided per shutter and windows fitted with 5 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, including 10mm Square guard bars with 6" (152.4mm) pitch etc., complete Single shutter Window without vertical mullion for size 2'0"x4'0" (609.6mm x 1219.2mm) including cost of all materials, fixtures, labour and HOM of machinery complete as per specifications complete as directed by Engineer-in-Charge. | 5.50 | Sqm | | 0.00 |
| 20 | Flooring with high polished granite slabs 16 to 18 mm thick other than black set over base coat of cement mortar (1:8), 20 mm thick over CC bed already laid or RCC roof slab in lift and stair case areas etc. including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed neatly with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like cement, sand water and tileset, complete, including seigniorage charges, labour charges for dressing of tileset, complete for finished item of work complete as directed by Engineer-in-Charge. | 2216.90 | Sqm | | 0.00 |
| 21 | Carriage of the following materials from quarry to work site including loading, unloading and staking at work site as per specification & direction of E/I. Stone Aggregate Coarse Sand Cement Steel | 87200.93 43600.47 37373.26 9220.28 | Cum Cum MT MT | | 0.00 0.00 0.00 0.00 |
| 22 | Providing and fixing in position M.S. ladder 0.50 M wide consisting of 75 x 10 mm M.S. flats as stringers and 16 mm dia M.S. bars in double rows as steps placed at 25 cm c/c including cost of material and labour involved, welding, anchoring and applying 3 coats of anticorrosive paint, etc. complete as directed by Engineer-in-Charge. | 281.00 | Rmt | | 0.00 |
| 23 | Providing and constructing contraction joints by fixing 23 cm wide central bulb type PVC water stop in single line supported by 10 mm dia steel dowel rods on either side at 1 metre interval including cost of all materials, machinery, labour, valcussing joints etc., complete with all leads as directed by Engineer-in-Charge. | 2056.47 | Rmt | | 0.00 |
| 24 | Compound Wall | 22.00 | Job | | 0.00 |
| 25 | For Outfall structure | 22.00 | Job | | 0.00 |
| A.ii For Pressure Main | | | | | |
| 1 | Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth : consolidating each deposited layer by ramming and watering lead complete as directed by Engineer-in-Charge. | 24493.00 | Cum | | 0.00 |
| 2 | Manufacture, supply and delivery of M.S Pipes conforming to is 3589/2001 including in lining with cement mortar (1:2) 15mm thick using 4 numbers of 6mm dia M.S.Rings at each end of the pipe and out coating with cement mortar (1:3) 30mm thick by shortcreting or gunnetting duly providing wire mesh of size 50x50x3mm including cost of all materials, labour charges, transportation to anywhere in AP, but excluding taxes & duties, etc. complete as directed by Engineer-in-Charge. | | | | |
| a | Pressure Main | | | | |
| i. | 1000mm-6mm Thick | 185.00 | Rmt | | 0.00 |
| ii. | 1200mm-8mm Thick | 1930.00 | Rmt | | 0.00 |
| iii. | 1300mm-8mm Thick | 405.00 | Rmt | | 0.00 |
| iv. | 1400mm-8mm Thick | 410.00 | Rmt | | 0.00 |
| v. | 1500mm-8mm Thick | 280.00 | Rmt | | 0.00 |
| vi. | 1600mm-10mm Thick | 60.00 | Rmt | | 0.00 |
| vii. | 1900mm-12mm Thick | 30.00 | Rmt | | 0.00 |
| viii. | 2000mm-12mm Thick | 50.00 | Rmt | | 0.00 |
| ix. | 2200mm-12mm Thick | 200.00 | Rmt | | 0.00 |
| b | Delivery Pipe | | | | |
| i. | 700mm-5mm Thick | 30.00 | Rmt | | 0.00 |
| ii. | 800mm-5mm Thick | 30.00 | Rmt | | 0.00 |
| iii. | 900mm-5mm Thick | 60.00 | Rmt | | 0.00 |
| iv. | 1000mm-6mm Thick | 210.00 | Rmt | | 0.00 |
| v. | 1100mm-6mm Thick | 90.00 | Rmt | | 0.00 |
| vi. | 1200mm-8mm Thick | 30.00 | Rmt | | 0.00 |
| vii. | 1400mm-8mm Thick | 180.00 | Rmt | | 0.00 |
| A.iii For Manifold | | | | | |
| 1 | Manufacture, supply and delivery of M.S Pipes conforming to is 3589/2001 including in lining with cement mortar (1:2) 15mm thick using 4 numbers of 6mm dia M.S.Rings at each end of the pipe and out coating with cement mortar (1:3) 30mm thick by shortcreting or gunnetting duly providing wire mesh of size 50x50x3mm including cost of all materials, labour charges, transportation, but excluding taxes & duties, etc. complete as directed by Engineer-in-Charge. | | | | |
| i. | 1400mm-8mm Thick | 9.80 | Rmt | | 0.00 |
| ii. | 1600mm-10mm Thick | 10.90 | Rmt | | 0.00 |
| iii. | 1800mm-10mm Thick | 22.80 | Rmt | | 0.00 |
| iv. | 2000mm-12mm Thick | 82.90 | Rmt | | 0.00 |
| v. | 2200mm-12mm Thick | 40.50 | Rmt | | 0.00 |
| vi. | 2400mm-12mm Thick | 14.10 | Rmt | | 0.00 |
| vii. | 2800mm-16mm Thick | 83.00 | Rmt | | 0.00 |
| B Hydro Mechanical | | | | | |

| | | | | |
|------|---|--------|-----|------|
| 1 | MOVING GANTRY CRANE-CLASS II fabrication, supply, erection, testing and commissioning of adequate capacity Class-II type moving gantry crane consisting of rail mounted gantry frame, top platform with hand railing, long / cross travel arrangements, rope drums, gear systems, electric motors, electro-magnetic brake system, cabin, control panel, wire rope, ladder, motorised cable reeling drum etc., with all accessories for operating spillway stop log gate elements and river sluice / canal sluice emergency gates including cost of all materials, machinery, labour, etc., complete with all leads and lifts as directed by Engineer-in-charge | | | |
| a | Big Hospital | 15.00 | Ton | 0.00 |
| b | Khagaul - Danapur Near Hitech Hospital | 15.00 | Ton | 0.00 |
| c | Bakri Bazar | 15.00 | Ton | 0.00 |
| d | Karori chak | 15.00 | Ton | 0.00 |
| e | Dasaratha | 15.00 | Ton | 0.00 |
| f | Digha (Near Old Thana) | 15.00 | Ton | 0.00 |
| g | Nandlal Chhapra | 15.00 | Ton | 0.00 |
| h | Premkunj (Karmalichak) | 15.00 | Ton | 0.00 |
| i | Rajiv Nagar | 15.00 | Ton | 0.00 |
| j | Beur Betaura Pul | 15.00 | Ton | 0.00 |
| k | Isapur Bramha Ashthan | 15.00 | Ton | 0.00 |
| l | Ghurdaur Nehru Path | 20.00 | Ton | 0.00 |
| m | Khanpura | 20.00 | Ton | 0.00 |
| n | Barmutta | 20.00 | Ton | 0.00 |
| o | Canal DPS | 20.00 | Ton | 0.00 |
| 2 | VERTICAL LIFT GATES/STOP LOGS - ROLLER MOUNTED Design, fabrication, supply, erection, testing and commissioning of fixed wheel type vertical lift service gate consisting of skin plate, vertical and horizontal girders, wheels, stiffeners, lifting brackets, guide rollers, ballast blocks, teflon clad rubber seals etc., with all accessories for river sluice / canal sluice vent including cost of all materials, machinery, labour, welding, aligning finishing seal fixing etc. with all leads and lifts, complete as per specifications and approved drawings as directed by Engineer-in-charge | 212.20 | MT | 0.00 |
| 3 | VERTICAL LIFT GATES-EM PARTS DESIGN, fabrication, supply, erection and commissioning of embedded parts consisting of sill beam, slide tracks, seal seats, guide rails, dogging sets for storage of stoplog elements etc., with all accessories for spillway stop log gates and other vertical lift elements including cost of all materials, machinery, labour, etc., complete as per specifications and approved drawings as directed by Engineer-in-charge | 146.30 | MT | 0.00 |
| 4 | Vertical lift gates and stop log gate elements (SLIDING GATES) Design, fabrication, supply, erection, testing and commissioning of vertical lift gates and stoplog gate elements, consisting of skin plate, horizontal and vertical girders, stiffeners, lifting pins, bronze padded slide blocks/bearings, guide shoes, rubber seals, clamps etc., with all accessories including cost of all materials, machinery, labour, seal fixing etc., complete as per specifications and approved drawings as directed by Engineer-in-charge | 150.40 | MT | 0.00 |
| 5 | Vertical lift gates and stop log gate elements (SLIDING GATES) Design, fabrication, supply, erection, testing and commissioning of vertical lift gates and stoplog gate elements, consisting of skin plate, horizontal and vertical girders, stiffeners, lifting pins, bronze padded slide blocks/bearings, guide shoes, rubber seals, clamps etc., with all accessories including cost of all materials, machinery, labour, seal fixing etc., complete as per specifications and approved drawings as directed by Engineer-in-charge | 37.00 | MT | 0.00 |
| 6 | Design, manufacturing, testing, supply and Erection of trash rack cleaning machine including embedded parts etc., complete as directed by Engineer-in-charge | 15.00 | No | 0.00 |
| 7 | Manufacture, Supply and delivery of DI D/F Butterfly Valves, Body and disc of Ductile Iron of grade GGG-40/SG-400/15 or GGG-50/SG-500/7 or Equivalent as per IS1855, IS-2895-2 Double eccentrically designed Disc, with renewable soft seal on the disc and Integral Body seat face of nickel-chromium overlay welding (Fusion Bonded) micro finished, 100 % leak tight in both directions, Medium free bearings and with minimum thickness of 250 microns Fusion bonded food grade epoxy coating and 1200mm dia. and above food grade liquid Epoxy coating of minimum 150 microns applied on both body and disc inside and outside. Face to face dimensions as per EN558-1/IS 13095 body or IS: 13095 long body design standard as per EN 593/IS 5163 Flange drilling as per EN 1092-2/ IS 1538 the Valve should be suitable for buried application as directed by Engineer-in-charge | | | |
| i. | 700mm | 3.00 | No | 0.00 |
| ii. | 800mm | 3.00 | No | 0.00 |
| iii. | 900mm | 9.00 | No | 0.00 |
| iv. | 1000mm | 9.00 | No | 0.00 |
| v. | 1100mm | 9.00 | No | 0.00 |
| vi. | 1200mm | 12.00 | No | 0.00 |
| vii. | 1400mm | 18.00 | No | 0.00 |
| C | Cost of Electro Mechanical Items | | | |
| a | Big Hospital | | | |
| 1 | Supplied, installed and commissioned Self — water lubricated vertical turbine pumps complete with bowl assembly, suction bell mouth and strainer, column assembly, discharge head. Bowl Efficiency shall be Not be less than 87% with Vertical hollow shaft LT squirrel cage induction motor Eff 1 rating having 10%more BHP than that of pump make capable operating on 415 Volts +/- 10%, 3 Phase, 50 Hz +/-3% motor shall be flameproof/weatherproof, totally enclosed fan cooled suitable for installation in Class Idiv. 1 areas, gas groups C & D as per API -RP-500C and Zone-2, Gas Group-IIA/IB, Temperature Class T3as per IS: 5572 certified by BASEFEFA, UK/LCIE, France / CESI, Italy or any other equivalent certification bodies approved by European Economic Community and FM, USA/UL, USA or Class-I, Division-1 gasgroup IIA & IIB as per IS : 5572 and with IP-55 protection as per IS: 4691 or equivalent IEC standard complete as directed by Engineer-in-Charge. | | | |
| 2 | DPS1 : 3258 m ³ /hr @ 10.5m Head, Motor 150 kW/742 rpm/415V/TEFC-3Nos | 3.00 | No | 0.00 |
| 3 | Supply, installation, testing and commissioning of 150KW VFD PANEL-3Nos 11kV 630Amps 20KA for 3 sec. SF6 insulated Non-Extensible Compact switchgear.Vacuum Circuit Breaker in SF6 insulated Stainless steel enclosure with series trip, self powered microprocessor based numerical over current and Earth Fault (IDMT-Inst.) relay protection 11kV/415V Dyn11 Oil filled hermetically sealed transformer with corrugated wall, without conservator type of design & Top Bushings for HT & LT with Off load tap switch of rating +5% to -10% @2.5%. Temp Rise - Oil/Winding 40/45 Deg cel. Losses (as per IS 1180 standard Energy Efficiency level 1). 415V LT panel of CRCA fabrication with 1.5/2mm thickness and 800A Aluminum Busbar, 100% for Phase and 50% for neutral . Current density - 1amp/sqmm consisting of following, 2000Amps 415V 50KA 3P Fixed Motorised Type ACB with microprocessor based release for overcurrent, short circuit and earth fault release (LSIG Release), RYB, ON/OFF/TRIP Indication, Multifunction meter of class 0.2 with RS485 port, ACB release. Outdoor type enclosure having construction of Galvanised Sheet Steel of thickness 1.5/2mm and 4 mm Base frame. The Enclosure shall have IP54 degree of protection for HT & LT switchgear compartment & IP23 degree of protection for Transformer compartment. Interconnection Between HT switchgear & Transformer using XLPE Single core Aluminum unarmoured 11kV cable & Interconnection between Transformer & LT switchgear using Aluminum Busbars. Internal earthing connections including transformer neutral by using 50x6 mm GI Strips. 11kV/433V, 1000KVA PSS | 1.00 | SET | 0.00 |
| 4 | Supply installation testing and commissioning of 3 phase and neutral 415V free standing floor mounted indoor LT panel made out of No.16 gauge CRCA sheet steel after 7 tank process and painting with powder coating. The panel shall consist of suitable rating TPN Aluminum busbar, 630A 4 Pole, 50KA MCCB, Cu bus bar, 63A / 60A 4 Pole MCCB, Digital meter, CT Digital Ammeter, Analog selector, Analog LED Indicator lamps, Analog LT current transformer, Capacitor bank | 1.00 | No | 0.00 |
| 5 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 11kV, U/G XLPE Aluminium conductor 1R X 3C X 300 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 11kV cable as end termination kits, straight through joint kits (suitable for 3" X 240 Sqmm aluminium cables). | 100.00 | Rmt | 0.00 |
| 6 | Heat shrinkable end termination kit (indoor type & Outdoor) for 11kV, 1R X 3C X 300 Sqmm, XLPE, Aluminium conductor Armored cables | 2.00 | No | 0.00 |
| 7 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 415V, U/G XLPE Aluminium conductor 1R X 3C X 300 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 11kV cable as end termination kits, straight through joint kits (suitable for 3" X 300 Sqmm aluminium cables). | 300.00 | Rmt | 0.00 |
| 8 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 415V, U/G XLPE Aluminium conductor 1R X 3C X 150 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 11kV cable as end termination kits, straight through joint kits (suitable for 3" X 240 Sqmm aluminium cables)-500Mtrs | 250.00 | Rmt | 0.00 |
| 9 | Heat shrinkable end termination kit (indoor type) for 415V, 1R X 3C X 300 Sqmm, XLPE, Aluminium conductor Armored cables Transformer to panel | 3.00 | No | 0.00 |
| 10 | Heat shrinkable end termination kit (indoor type) for 415V, 1R X 3C X 150 Sqmm, XLPE, Aluminium conductor Armored cables Transformer to panel | 3.00 | No | 0.00 |
| 11 | Design, supply, installation, testing and commissioning ,PVC Pipe, LP point, Ceiling fan, batten holder, Socket, Switch, Run of Mains, Distribution Board, G I PIPE EARTHING, FRLS PVC insulated flexible copper wire, LIGHTING DISTRIBUTION BOARDS, EARTHING OF ELECTRICAL EQUIPMENT, STREET LIGHT POLES, STREET LIGHT LED LUMINAIREs, LT Cables, HDPE PIPE, TERMINATION OF LT CABLE, UPS | 1.00 | LS | 0.00 |
| 12 | Supply & installation of 1010 KVA OPEN D6 Set comprising of Cummins make engine model KTA 38 G5 developing 1180 BHP Coupled to 1010 KVA, 415 V STAMFORD make alternator mounted on a common base frame. complete with: | 1.00 | SET | 0.00 |
| b | Khagaul - Danapur Near Hitech Hospital | | | |
| 1 | Supplied, installed and commissioned Self — water lubricated vertical turbine pumps complete with bowl assembly, suction bell mouth and strainer, column assembly, discharge head. Bowl Efficiency shall be Not be less than 87% with Vertical hollow shaft LT squirrel cage induction motor Eff 1 rating having 10%more BHP than that of pump make capable operating on 415 Volts +/- 10%, 3 Phase, 50 Hz +/-3% motor shall be flameproof/weatherproof, totally enclosed fan cooled suitable for installation in Class Idiv. 1 areas, gas groups C & D as per API -RP-500C and Zone-2, Gas Group-IIA/IB, Temperature Class T3as per IS: 5572 certified by BASEFEFA, UK/LCIE, France / CESI, Italy or any other equivalent certification bodies approved by European Economic Community and FM, USA/UL, USA or Class-I, Division-1 gasgroup IIA & IIB as per IS : 5572 and with IP-55 protection as per IS: 4691 or equivalent IEC standard complete as directed by Engineer-in-Charge. | 3.00 | No | 0.00 |
| 2 | DPS2 : 4294 m ³ /hr @ 11m Head Motor 200 kW/742 rpm/415V/TEFC-3Nos | 3.00 | No | 0.00 |
| 3 | Supply, installation, testing and commissioning of 200KW VFD PANEL-3Nos 11kV 630Amps 20KA for 3 sec. SF6 insulated Non-Extensible Compact switchgear.Vacuum Circuit Breaker in SF6 insulated Stainless steel enclosure with series trip, self powered microprocessor based numerical over current and Earth Fault (IDMT-Inst.) relay protection 11kV/415V Dyn11 Oil filled hermetically sealed transformer with corrugated wall, without conservator type of design & Top Bushings for HT & LT with Off load tap switch of rating +5% to -10% @2.5%. Temp Rise - Oil/Winding 40/45 Deg cel. Losses (as per IS 1180 standard Energy Efficiency level 1). 415V LT panel of CRCA fabrication with 1.5/2mm thickness and 800A Aluminum Busbar, 100% for Phase and 50% for neutral . Current density - 1amp/sqmm consisting of following, 2000Amps 415V 50KA 3P Fixed Motorised Type ACB with microprocessor based release for overcurrent, short circuit and earth fault release (LSIG Release), RYB, ON/OFF/TRIP Indication, Multifunction meter of class 0.2 with RS485 port, ACB release. Outdoor type enclosure having construction of Galvanised Sheet Steel of thickness 1.5/2mm and 4 mm Base frame. The Enclosure shall have IP54 degree of protection for HT & LT switchgear compartment & IP23 degree of protection for Transformer compartment. Interconnection Between HT switchgear & Transformer using XLPE Single core Aluminum unarmoured 11kV cable & Interconnection between Transformer & LT switchgear using Aluminum Busbars. Internal earthing connections including transformer neutral by using 50x6 mm GI Strips. 11kV/433V, 1000KVA PSS | 1.00 | SET | 0.00 |

| | | | | |
|----------|---|--------|-----|------|
| 4 | Supply installation testing and commissioning of 3 phase and neutral 415V free standing floor mounted indoor LT panel made out of No.16 gauge CRCA sheet steel after 7 tank process and painting with powder coating. The panel shall consist of suitable rating TPN Aluminium busbar, 630A 4 Pole, 50KA MCCB, Cu bus bar, 63A / 60A 4 Pole MCCB,Digital meter,CT Digital Ammeter,Analog selector,Analog LED Indicator,lamps, Analog LT current transformer, Capacitor bank | 1.00 | No | 0.00 |
| 5 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 11kV, U/G XLPE Aluminium conductor 1R X 3C X 300 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 11kV cable as end termination kits, straight through joint kits (suitable for 3C X 240 Sqmm aluminium cables)-500Mtrs | 100.00 | Rmt | 0.00 |
| 6 | Heat shrinkable end termination kit (indoor type & Outdoor) for 11kV, 1R X 3C X 300 Sqmm, XLPE, Aluminium conductor Armored cables | 2.00 | No | 0.00 |
| 7 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 415V, U/G XLPE Aluminium conductor 1R X 3C X 300 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 11kV cable as end termination kits, straight through joint kits (suitable for 3C X 300 Sqmm aluminium cables) | 300.00 | Rmt | 0.00 |
| 8 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 415V, U/G XLPE Aluminium conductor 1R X 3C X 150 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 11kV cable as end termination kits, straight through joint kits (suitable for 3C X 240 Sqmm aluminium cables)-500Mtrs | 250.00 | Rmt | 0.00 |
| 9 | Heat shrinkable end termination kit (indoor type) for 415V, 1R X 3C X 300 Sqmm, XLPE, Aluminium conductor Armored cables | 3.00 | No | 0.00 |
| 10 | Heat shrinkable end termination kit (indoor type) for 415V, 1R X 3C X 150 Sqmm, XLPE, Aluminium conductor Armored cables | 3.00 | No | 0.00 |
| 11 | Design, supply, installation, testing and commissioning ,PVC Pipe,LP point,Ceiling fan,batten holder, Socket,Switch,Run of Mains,DistributionBoard,G I PIPE EARTHING,FRLS PVC insulated flexible copper wire,LIGHTING DISTRIBUTION BOARDS,EARTHING OF ELECTRICAL EQUIPMENT, STREET LIGHT POLES, STREET LIGHT LED LUMINAIRES, LT Cables, HDPE PIPE, TERMINATION OF LT CABLE, UPS | 1.00 | LS | 0.00 |
| 12 | Supply & installation of 1010 KVA OPEN DG Set comprising of Cummins make engine model KTA 38 G5 developing 1180 BHP Coupled to 1010 KVA, 415 V STAMFORD make alternator mounted on a common base frame. complete with: | 1.00 | SET | 0.00 |
| c | Bakri Bazar | | | |
| 1 | Supplied, installed and commissioned Self — water lubricated vertical turbine pumps complete with bowl assembly, suction bell mouth and strainer, column assembly, discharge head. Bowl Efficiency shall be Not be less than 87% with Vertical hollow shaft LT squirrel cage induction motor. Eff 1 rating having 10%more BHP than that of pump make capable operating on 3.3 Volts +/- 10%, 3 Phase, 50 Hz +/-3% motor shall be flameproof/weatherproof, totally enclosed fan cooled suitable for installation in Class Idv. 1 areas, gas groups C & D as per API -RP-500C and Zone-2, Gas Group-IIA/IIIB, Temperature Class T3as per IS: 5572 certified by BASEFEFA, UK/LCIE, France / CESI, Italy or any other equivalent certificationbodies approved by European EcoNomic Community and FM, USA/ UL, USA or Class-1, Division-I gasgroup IIA & IIB as per IS : 5572 and with IP-55 protection as per IS: 4691 or equivalent IEC standard complete as directed by Engineer-in-Charge. | | | |
| | DPS3 : 4878 m ³ /hr @ 11m Head Motor 260 kW/742 rpm/3.3kV/TEFC-CACA-3Nos | 3.00 | No | 0.00 |
| 2 | Supply, installation, testing and commissioning of 11kV PANEL-800A/25KA 3 SEC (1 ICOG) OUTDOOR TYPE SWDB PANEL -IP 55-3Nos | 3.00 | No | 0.00 |
| 3 | Supply, installation, testing and commissioning of 11kV / 3.3 kV 1000 KVA, ONAN, Natural Ester Oil Filled Transformer conforming to IS 1180with O/LTC +/- 10%, RTCC (NFR Not in our scope)-1Nos | 1.00 | No | 0.00 |
| 4 | Supply, installation, testing and commissioning of 3.3KV PANEL-800A/25KA 3 SEC (4 WAY + 1 BUS PT) INDOOR TYPE SWDB PANEL -IP 42 AS PER CONTROL SCHEME-2Nos | 2.00 | No | 0.00 |
| 5 | Supply, installation, testing and commissioning of 3.3kV, 260kV, Multi-level IGBT H bridge architecture with multi cellconfiguration featuring contactless cellredundancy and equipped with power diode rectifier section integrated to Dry Type input transformer of class H insulation, D/DO (6/10) AL/AO (4/2)-1Nos | 1.00 | No | 0.00 |
| 6 | Supply, installation, testing and commissioning of PLC System | 1.00 | No | 0.00 |
| 7 | 11 KV/433V 100KVA Conventional Transformer,Single Pole,Structure with 9.1Mtr PSCC Pole,11 KV 200 Amps AB Switch,Erection of 11 KV H.G. Fuse set | 1.00 | SET | 0.00 |
| 8 | Supply installation testing and commissioning of 3 phase and neutral 415V free standing floor mounted indoor LT panel made out of No.16 gauge CRCA sheet steel after 7 tank process and painting with powder coating. The panel shall consist of suitable rating TPN Aluminium busbar, 630A 4 Pole, 50KA MCCB, Cu bus bar, 63A / 60A 4 Pole MCCB,Digital meter,CT Digital Ammeter,Analog selector,Analog LED Indicator,lamps, Analog LT current transformer, Capacitor bank | 1.00 | No | 0.00 |
| 9 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 11kV, U/G XLPE Aluminium conductor 1R X 3C X 240 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 11kV cable as end termination kits, straight through joint kits (suitable for 3C X 240 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | 0.00 |
| 10 | Heat shrinkable end termination kit (outdoor type) for 11kV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables | 2.00 | No | 0.00 |
| 11 | Heat shrinkable end termination kit (Indoor type) for 11kV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables 11 KV HT panel side | 2.00 | No | 0.00 |
| 12 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 3.3kV, U/G XLPE Aluminium conductor 1R X 3C X 50 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 3.3kV cable as end termination kits, straight through joint kits (suitable for 3C X 50 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | 0.00 |
| 13 | Heat shrinkable end termination kit (indoor type) for 3.3kV, 1R X 3C X 50 Sqmm, XLPE, Aluminium conductor Armored cables | 5.00 | No | 0.00 |
| 14 | Design, supply, laying in ground, jointing, testing, commissioning of 1100V, U/G XLPE Aluminium conductor 1RX 3.5C X 70 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 1100V cable as end termination kits, straight through joint kits (suitable for 3C X 400 Sqmm aluminium cables)-150 | 150.00 | Rmt | 0.00 |
| 13 | Heat shrinkable end termination kit (indoor type+Outdoor) for 415V, 1R X 3.5C X 70 Sqmm, XLPE, Aluminium conductor Armored cables 11 panel | 2.00 | No | 0.00 |
| 14 | Design, supply, installation, testing and commissioning ,PVC Pipe,LP point,Ceiling fan,batten holder, Socket,Switch,Run of Mains,DistributionBoard,G I PIPE EARTHING,FRLS PVC insulated flexible copper wire,LIGHTING DISTRIBUTION BOARDS,EARTHING OF ELECTRICAL EQUIPMENT, STREET LIGHT POLES, STREET LIGHT LED LUMINAIRES, LT Cables, HDPE PIPE, TERMINATION OF LT CABLE, UPS | 1.00 | LS | 0.00 |
| 15 | Supply & installation of 1010 KVA OPEN DG Set comprising of Cummins make engine model KTA 38 G5 developing 1180 BHP Coupled to 1010 KVA, 3.3KV TDPS/STAMFORD make alternator mounted on a common base frame. complete with: | 1.00 | SET | 0.00 |
| d | Karori chak | | | |
| 1 | Supplied, installed and commissioned Self — water lubricated vertical turbine pumps complete with bowl assembly, suction bell mouth and strainer, column assembly, discharge head. Bowl Efficiency shall be Not be less than 87% with Vertical hollow shaft LT squirrel cage induction motor. Eff 1 rating having 10%more BHP than that of pump make capable operating on 3.3 Volts +/- 10%, 3 Phase, 50 Hz +/-3% motor shall be flameproof/weatherproof, totally enclosed fan cooled suitable for installation in Class Idv. 1 areas, gas groups C & D as per API -RP-500C and Zone-2, Gas Group-IIA/IIIB, Temperature Class T3as per IS: 5572 certified by BASEFEFA, UK/LCIE, France / CESI, Italy or any other equivalent certificationbodies approved by European EcoNomic Community and FM, USA/ UL, USA or Class-1, Division-I gasgroup IIA & IIB as per IS : 5572 and with IP-55 protection as per IS: 4691 or equivalent IEC standard complete as directed by Engineer-in-Charge. | | | |
| | DPS4 : 4968 m ³ /hr @ 14.5m Head Motor 300 kW/742 rpm/3.3kV/TEFC-CACA | 3.00 | No | 0.00 |
| 2 | Supply, installation, testing and commissioning of 11kV PANEL-800A/25KA 3 SEC (1 ICOG) OUTDOOR TYPE SWDB PANEL -IP 55-3Nos | 3.00 | No | 0.00 |
| 3 | Supply, installation, testing and commissioning of 11kV / 3.3 kV 1250 KVA, ONAN, Natural Ester Oil Filled Transformer conforming to IS 1180with O/LTC +/- 10%, RTCC (NFR Not in our scope)-1Nos | 1.00 | No | 0.00 |
| 4 | Supply, installation, testing and commissioning of 3.3KV PANEL-800A/25KA 3 SEC (4 WAY + 1 BUS PT) INDOOR TYPE SWDB PANEL -IP 42 AS PER CONTROL SCHEME-2Nos | 2.00 | No | 0.00 |
| 5 | Supply, installation, testing and commissioning of 3.3kV, 300kV, Multi-level IGBT H bridge architecture with multi cellconfiguration featuring contactless cellredundancy and equipped with power diode rectifier section integrated to Dry Type input transformer of class H insulation, D/DO (6/10) AL/AO (4/2)-1Nos | 1.00 | No | 0.00 |
| 6 | Supply, installation, testing and commissioning of PLC System | 1.00 | No | 0.00 |
| 7 | 11 KV/433V 100KVA Conventional Transformer,Single Pole,Structure with 9.1Mtr PSCC Pole,11 KV 200 Amps AB Switch,Erection of 11 KV H.G. Fuse set | 1.00 | SET | 0.00 |
| 8 | Supply installation testing and commissioning of 3 phase and neutral 415V free standing floor mounted indoor LT panel made out of No.16 gauge CRCA sheet steel after 7 tank process and painting with powder coating. The panel shall consist of suitable rating TPN Aluminium busbar, 630A 4 Pole, 50KA MCCB, Cu bus bar, 63A / 60A 4 Pole MCCB,Digital meter,CT Digital Ammeter,Analog selector,Analog LED Indicator,lamps, Analog LT current transformer, Capacitor bank | 1.00 | No | 0.00 |
| 9 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 11kV, U/G XLPE Aluminium conductor 1R X 3C X 240 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 11kV cable as end termination kits, straight through joint kits (suitable for 3C X 240 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | 0.00 |
| 10 | Heat shrinkable end termination kit (outdoor type) for 11kV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables | 2.00 | No | 0.00 |
| 11 | Heat shrinkable end termination kit (Indoor type) for 11kV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables 11 KV HT panel side | 2.00 | No | 0.00 |
| 12 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 3.3kV, U/G XLPE Aluminium conductor 1R X 3C X 50 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 3.3kV cable as end termination kits, straight through joint kits (suitable for 3C X 50 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | 0.00 |
| 13 | Heat shrinkable end termination kit (indoor type) for 3.3kV, 1R X 3C X 50 Sqmm, XLPE, Aluminium conductor Armored cables | 5.00 | No | 0.00 |
| 14 | Design, supply, laying in ground, jointing, testing, commissioning of 1100V, U/G XLPE Aluminium conductor 1RX 3.5C X 70 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 1100V cable as end termination kits, straight through joint kits (suitable for 3C X 400 Sqmm aluminium cables)-150 | 150.00 | Rmt | 0.00 |
| 15 | Heat shrinkable end termination kit (indoor type+Outdoor) for 415V, 1R X 3.5C X 70 Sqmm, XLPE, Aluminium conductor Armored cables 11 panel | 2.00 | No | 0.00 |
| 16 | Design, supply, installation, testing and commissioning ,PVC Pipe,LP point,Ceiling fan,batten holder, Socket,Switch,Run of Mains,DistributionBoard,G I PIPE EARTHING,FRLS PVC insulated flexible copper wire,LIGHTING DISTRIBUTION BOARDS,EARTHING OF ELECTRICAL EQUIPMENT, STREET LIGHT POLES, STREET LIGHT LED LUMINAIRES, LT Cables, HDPE PIPE, TERMINATION OF LT CABLE, UPS | 1.00 | LS | 0.00 |
| 17 | Supply & installation of 1010 KVA OPEN DG Set comprising of Cummins make engine model KTA 38 G5 developing 1180 BHP Coupled to 1010 KVA, 3.3KV TDPS/STAMFORD make alternator mounted on a common base frame. complete with: | 1.00 | SET | 0.00 |
| e | Dasaratha | | | |
| 1 | Supplied, installed and commissioned Self — water lubricated vertical turbine pumps complete with bowl assembly, suction bell mouth and strainer, column assembly, discharge head. Bowl Efficiency shall be Not be less than 87% with Vertical hollow shaft LT squirrel cage induction motor. Eff 1 rating having 10%more BHP than that of pump make capable operating on 3.3 Volts +/- 10%, 3 Phase, 50 Hz +/-3% motor shall be flameproof/weatherproof, totally enclosed fan cooled suitable for installation in Class Idv. 1 areas, gas groups C & D as per API -RP-500C and Zone-2, Gas Group-IIA/IIIB, Temperature Class T3as per IS: 5572 certified by BASEFEFA, UK/LCIE, France / CESI, Italy or any other equivalent certificationbodies approved by European EcoNomic Community and FM, USA/ UL, USA or Class-1, Division-I gasgroup IIA & IIB as per IS : 5572 and with IP-55 protection as per IS: 4691 or equivalent IEC standard complete as directed by Engineer-in-Charge. | | | |
| | DPS5 : 5742 m ³ /hr @ 11.5m Head Motor 350 kW/742 rpm/3.3kV/TEFC-CACA-3Nos | 3.00 | No | 0.00 |
| 2 | Supply, installation, testing and commissioning of 11kV PANEL-800A/25KA 3 SEC (1 ICOG) OUTDOOR TYPE SWDB PANEL -IP 55-3Nos | 3.00 | No | 0.00 |
| 3 | Supply, installation, testing and commissioning of 11kV / 3.3 kV 1600 KVA, ONAN, Natural Ester Oil Filled Transformer conforming to IS 1180with O/LTC +/- 10%, RTCC (NFR Not in our scope)-1Nos | 1.00 | No | 0.00 |

| | | | | | |
|---------------------------------|---|--------|-----|--|------|
| 4 | Supply, installation, testing and commissioning of 3.3KV PANEL-800A/25KA 3 SEC (4 WAY + 1 BUS PT) INDOOR TYPE SWBD PANEL -IP 42 AS PER CONTROL SCHEME-2Nos | 2.00 | No | | 0.00 |
| 5 | Supply, installation, testing and commissioning of 3.3KV, 350KW, Multi-level IGBT H bridge architecture with multi cell configuration featuring contactless redundancy and equipped with power diode rectifier section integrated to Dry Type input transformer of class H insulation. D/I/DO (F/10) A1/A0 (4/2)-1Nos | 1.00 | No | | 0.00 |
| 6 | Supply, installation, testing and commissioning of PLC System | 1.00 | No | | 0.00 |
| 7 | 11 KV/433V 100KVA Conventional Transformer, Single Pole. Structure with 9.1Mtr PSCC Pole, 11 KV 200 Amps AB Switch, Erection of 11 KV H.G. Fuse set | 1.00 | SET | | 0.00 |
| 8 | Supply installation testing and commissioning of 3 phase and neutral 415V free standing floor mounted indoor LT panel made out of No.16 gauge CRCA sheet steel after 7 tank process and painting with powder coating. The panel shall consist of suitable rating TPN Aluminium busbar, 630A 4 Pole, 50kA MCCB, Cu bus bar, 63A / 60A 4 Pole MCCB, Digital meter, CT Digital Ammeter, Analog selector, Analog LED indicator lamps, Analog LT current transformer, Capacitor bank | 1.00 | No | | 0.00 |
| 9 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 11KV, U/G XLPE Aluminium conductor 1R X 3C X 240 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 11KV cable as end termination kits, straight through joint kits (suitable for 3C X 240 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | | 0.00 |
| 10 | Heat shrinkable end termination kit (outdoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables Transformer side | 2.00 | No | | 0.00 |
| 11 | Heat shrinkable end termination kit (Indoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables 11 KV HT panel side | 2.00 | No | | 0.00 |
| 12 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 3.3KV, U/G XLPE Aluminium conductor 1R X 3C X 50 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 3.3KV cable as end termination kits, straight through joint kits (suitable for 3C X 50 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | | 0.00 |
| 13 | Heat shrinkable end termination kit (indoor type) for 3.3KV, 1R X 3C X 50 Sqmm, XLPE, Aluminium conductor Armored cables | 5.00 | No | | 0.00 |
| 14 | Design, supply, laying in ground, jointing, testing, commissioning of 1100V, U/G XLPE Aluminium conductor 1RX 3.5C X 70 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 1100V cable as end termination kits, straight through joint kits (suitable for 3C X 400 Sqmm aluminium cables)-150 | 150.00 | Rmt | | 0.00 |
| 15 | Heat shrinkable end termination kit (indoor type+Outdoor) for 415V, 1R X 3.5C X 70 Sqmm, XLPE, Aluminium conductor Armored cables LT panel | 2.00 | No | | 0.00 |
| 16 | Design, supply, installation, testing and commissioning ,PVC Pipe,LP point,Ceiling fan,batten holder, Socket,Switch,Run of Mains,DistributionBoard,G I PIPE EARTHING,FRLS PVC insulated flexible copper wire,LIGHTING DISTRIBUTION BOARDS,EARTHING OF ELECTRICAL EQUIPMENT, STREET LIGHT POLES, STREET LIGHT LED LUMINAIRES, LT Cables, HDPE PIPE, TERMINATION OF LT CABLE, UPS | 1.00 | LS | | 0.00 |
| 17 | Supply & installation of 1010 KVA OPEN DG Set comprising of Cummins make engine model KTA 38 G5 developing 1180 BHP Coupled to 1010 KVA, 3.3KV TDPS/STAMFORD make alternator mounted on a common base frame, complete with: | 1.00 | SET | | 0.00 |
| f Digha (Near Old Thana) | | | | | |
| 1 | Supplied, installed and commissioned Self – water lubricated vertical turbine pumps complete with bowl assembly, suction bell mouth and strainer, column assembly, discharge head. Bowl Efficiency shall be Not be less than 87% with Vertical hollow shaft LT squirrel cage induction motor. Eff 1 rating having 10% more BHP than that of pump make capable operating on 3.3 Volts +/- 10%, 3 Phase, 50 Hz +/- 3% motor shall be flameproof/weatherproof, totally enclosed fan cooled suitable for installation in Class Idv. 1 areas, gas groups C & D as per API –RP-500C and Zone-2, Gas Group- IIA/ IIB, Temperature Class T3as per IS: 5572 certified by BASEFEFA, UK/LCIE, France / CESI, Italy or any other equivalent certification bodies approved by European Economic Community and FM, USA/ UL, USA or Class-I, Division-I gas group IIA & IIB as per IS : 5572 and with IP-55 protection as per IS: 4691 or equivalent IEC standard complete as directed by Engineer-in-Charge. DPSE : 6210 m ³ /hr @ 11.5m Head Motor 310 kW/594 rpm/3.3kV/TEFC-CACA-3Nos | 3.00 | No | | 0.00 |
| 2 | Supply, installation, testing and commissioning of 11KV PANEL-800A/25KA 3 SEC (1 COG) OUTDOOR TYPE SWBD PANEL -IP 55-3Nos | 3.00 | No | | 0.00 |
| 3 | Supply, installation, testing and commissioning of 11KV / 3.3 KV 1250 KVA, ONAN, Natural Ester Oil Filled Transformer conforming to IS 1181with O/LTC +/- 10% RTCC. (NER Not in our scope)-1Nos | 1.00 | No | | 0.00 |
| 4 | Supply, installation, testing and commissioning of 3.3KV PANEL-800A/25KA 3 SEC (4 WAY + 1 BUS PT) INDOOR TYPE SWBD PANEL -IP 42 AS PER CONTROL SCHEME-2Nos | 2.00 | No | | 0.00 |
| 5 | Supply, installation, testing and commissioning of 3.3KV, 310KW, Multi-level IGBT H bridge architecture with multi cell configuration featuring contactless redundancy and equipped with power diode rectifier section integrated to Dry Type input transformer of class H insulation. D/I/DO (F/10) A1/A0 (4/2)-1Nos | 1.00 | No | | 0.00 |
| 6 | Supply, installation, testing and commissioning of PLC System | 1.00 | No | | 0.00 |
| 7 | 11 KV/433V 100KVA Conventional Transformer, Single Pole. Structure with 9.1Mtr PSCC Pole, 11 KV 200 Amps AB Switch, Erection of 11 KV H.G. Fuse set | 1.00 | SET | | 0.00 |
| 8 | Supply installation testing and commissioning of 3 phase and neutral 415V free standing floor mounted indoor LT panel made out of No.16 gauge CRCA sheet steel after 7 tank process and painting with powder coating. The panel shall consist of suitable rating TPN Aluminium busbar, 630A 4 Pole, 50kA MCCB, Cu bus bar, 63A / 60A 4 Pole MCCB, Digital meter, CT Digital Ammeter, Analog selector, Analog LED indicator lamps, Analog LT current transformer, Capacitor bank | 1.00 | No | | 0.00 |
| 9 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 11KV, U/G XLPE Aluminium conductor 1R X 3C X 240 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 11KV cable as end termination kits, straight through joint kits (suitable for 3C X 240 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | | 0.00 |
| 10 | Heat shrinkable end termination kit (outdoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables Transformer side | 2.00 | No | | 0.00 |
| 11 | Heat shrinkable end termination kit (Indoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables 11 KV HT panel side | 2.00 | No | | 0.00 |
| 12 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 3.3KV, U/G XLPE Aluminium conductor 1R X 3C X 50 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 3.3KV cable as end termination kits, straight through joint kits (suitable for 3C X 50 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | | 0.00 |
| 13 | Heat shrinkable end termination kit (indoor type) for 3.3KV, 1R X 3C X 50 Sqmm, XLPE, Aluminium conductor Armored cables | 5.00 | No | | 0.00 |
| 14 | Design, supply, laying in ground, jointing, testing, commissioning of 1100V, U/G XLPE Aluminium conductor 1RX 3.5C X 70 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 1100V cable as end termination kits, straight through joint kits (suitable for 3C X 400 Sqmm aluminium cables)-150 | 150.00 | Rmt | | 0.00 |
| 15 | Heat shrinkable end termination kit (indoor type+Outdoor) for 415V, 1R X 3.5C X 70 Sqmm, XLPE, Aluminium conductor Armored cables LT panel | 2.00 | No | | 0.00 |
| 16 | Design, supply, installation, testing and commissioning ,PVC Pipe,LP point,Ceiling fan,batten holder, Socket,Switch,Run of Mains,DistributionBoard,G I PIPE EARTHING,FRLS PVC insulated flexible copper wire,LIGHTING DISTRIBUTION BOARDS,EARTHING OF ELECTRICAL EQUIPMENT, STREET LIGHT POLES, STREET LIGHT LED LUMINAIRES, LT Cables, HDPE PIPE, TERMINATION OF LT CABLE, UPS | 1.00 | LS | | 0.00 |
| 17 | Supply & installation of 1010 KVA OPEN DG Set comprising of Cummins make engine model KTA 38 G5 developing 1180 BHP Coupled to 1010 KVA, 3.3KV TDPS/STAMFORD make alternator mounted on a common base frame, complete with: | 1.00 | SET | | 0.00 |
| g Nandlal Chhapra | | | | | |
| 1 | Supplied, installed and commissioned Self – water lubricated vertical turbine pumps complete with bowl assembly, suction bell mouth and strainer, column assembly, discharge head. Bowl Efficiency shall be Not be less than 87% with Vertical hollow shaft LT squirrel cage induction motor. Eff 1 rating having 10% more BHP than that of pump make capable operating on 3.3 Volts +/- 10%, 3 Phase, 50 Hz +/- 3% motor shall be flameproof/weatherproof, totally enclosed fan cooled suitable for installation in Class Idv. 1 areas, gas groups C & D as per API –RP-500C and Zone-2, Gas Group- IIA/ IIB, Temperature Class T3as per IS: 5572 certified by BASEFEFA, UK/LCIE, France / CESI, Italy or any other equivalent certification bodies approved by European Economic Community and FM, USA/ UL, USA or Class-I, Division-I gas group IIA & IIB as per IS : 5572 and with IP-55 protection as per IS: 4691 or equivalent IEC standard complete as directed by Engineer-in-Charge. DPST : 6966 m ³ /hr @ 11m Head Motor 310 kW/594 rpm/3.3kV/TEFC-CACA-3Nos | 3.00 | No | | 0.00 |
| 2 | Supply, installation, testing and commissioning of 11KV PANEL-800A/25KA 3 SEC (1 COG) OUTDOOR TYPE SWBD PANEL -IP 55-3Nos | 3.00 | No | | 0.00 |
| 3 | Supply, installation, testing and commissioning of 11KV / 3.3 KV 1250 KVA, ONAN, Natural Ester Oil Filled Transformer conforming to IS 1181with O/LTC +/- 10% RTCC. (NER Not in our scope)-1Nos | 1.00 | No | | 0.00 |
| 4 | Supply, installation, testing and commissioning of 3.3KV PANEL-800A/25KA 3 SEC (4 WAY + 1 BUS PT) INDOOR TYPE SWBD PANEL -IP 42 AS PER CONTROL SCHEME-2Nos | 2.00 | No | | 0.00 |
| 5 | Supply, installation, testing and commissioning of 3.3KV, 310KW, Multi-level IGBT H bridge architecture with multi cell configuration featuring contactless redundancy and equipped with power diode rectifier section integrated to Dry Type input transformer of class H insulation. D/I/DO (F/10) A1/A0 (4/2)-1Nos | 1.00 | No | | 0.00 |
| 6 | Supply, installation, testing and commissioning of PLC System | 1.00 | No | | 0.00 |
| 7 | 11 KV/433V 100KVA Conventional Transformer, Single Pole. Structure with 9.1Mtr PSCC Pole, 11 KV 200 Amps AB Switch, Erection of 11 KV H.G. Fuse set | 1.00 | SET | | 0.00 |
| 8 | Supply installation testing and commissioning of 3 phase and neutral 415V free standing floor mounted indoor LT panel made out of No.16 gauge CRCA sheet steel after 7 tank process and painting with powder coating. The panel shall consist of suitable rating TPN Aluminium busbar, 630A 4 Pole, 50kA MCCB, Cu bus bar, 63A / 60A 4 Pole MCCB, Digital meter, CT Digital Ammeter, Analog selector, Analog LED indicator lamps, Analog LT current transformer, Capacitor bank | 1.00 | No | | 0.00 |
| 9 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 11KV, U/G XLPE Aluminium conductor 1R X 3C X 240 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 11KV cable as end termination kits, straight through joint kits (suitable for 3C X 240 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | | 0.00 |
| 10 | Heat shrinkable end termination kit (outdoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables Transformer side | 2.00 | No | | 0.00 |
| 11 | Heat shrinkable end termination kit (Indoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables 11 KV HT panel side | 2.00 | No | | 0.00 |
| 12 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 3.3KV, U/G XLPE Aluminium conductor 1R X 3C X 50 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 3.3KV cable as end termination kits, straight through joint kits (suitable for 3C X 50 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | | 0.00 |
| 13 | Heat shrinkable end termination kit (indoor type) for 3.3KV, 1R X 3C X 50 Sqmm, XLPE, Aluminium conductor Armored cables | 5.00 | No | | 0.00 |
| 14 | Design, supply, laying in ground, jointing, testing, commissioning of 1100V, U/G XLPE Aluminium conductor 1RX 3.5C X 70 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 1100V cable as end termination kits, straight through joint kits (suitable for 3C X 400 Sqmm aluminium cables)-150 | 150.00 | Rmt | | 0.00 |
| 15 | Heat shrinkable end termination kit (indoor type+Outdoor) for 415V, 1R X 3.5C X 70 Sqmm, XLPE, Aluminium conductor Armored cables LT panel | 2.00 | No | | 0.00 |
| 16 | Design, supply, installation, testing and commissioning ,PVC Pipe,LP point,Ceiling fan,batten holder, Socket,Switch,Run of Mains,DistributionBoard,G I PIPE EARTHING,FRLS PVC insulated flexible copper wire,LIGHTING DISTRIBUTION BOARDS,EARTHING OF ELECTRICAL EQUIPMENT, STREET LIGHT POLES, STREET LIGHT LED LUMINAIRES, LT Cables, HDPE PIPE, TERMINATION OF LT CABLE, UPS | 1.00 | LS | | 0.00 |
| 17 | Supply & installation of 1010 KVA OPEN DG Set comprising of Cummins make engine model KTA 38 G5 developing 1180 BHP Coupled to 1010 KVA, 3.3KV TDPS/STAMFORD make alternator mounted on a common base frame, complete with: | 1.00 | SET | | 0.00 |
| h Premkunj (Karmalchak) | | | | | |

| | | | | | |
|---------------------------|--|--------|-----|--|------|
| 1 | Supplied, installed and commissioned Self — water lubricated vertical turbine pumps complete with bowl assembly, suction bell mouth and strainer, column assembly, discharge head. Bowl Efficiency shall be Not be less than 87% with Vertical hollow shaft LT squirrel cage induction motor Eff 1 rating having 10%more BHP than that of pump make capable operating on 3.3 Volts +/- 10%, 3 Phase, 50 Hz +/-3% motor shall be flameproof/weatherproof, totally enclosed fan cooled suitable for installation in Class Idiv. 1 areas, gas groups C & D as per API -RP-500C and Zone-2, Gas Group-IA/IB, Temperature Class T3as per IS: 5572 certified by BASEFEFA, UK/LCIE, France / CESI, Italy or any other equivalent certificationbodies approved by European Economic Community and FM, USA/ UL, USA or Class-I, Division-I gasgroup IIA & IIB as per IS : 5572 and with IP-55 protection as per IS: 4691 or equivalent IEC standard complete as directed by Engineer-in-Charge. DPS8 : 7398 m³/hr @11m Head Motor 350 kW/495 rpm/3.3kV/TEFC-CACA-3Nos | 3.00 | No | | 0.00 |
| 2 | Supply, installation, testing and commissioning of 11KV PANEL-800A/25KA 3 SEC (1 ICOG) OUTDOOR TYPE SWBD PANEL -IP 55-3Nos | 3.00 | No | | 0.00 |
| 3 | Supply, installation, testing and commissioning of 11KV / 3.3 kV 1600 kVA, ONAN, Natural Ester Oil Filled Transformer conforming to IS 1180with OLTC +/- 10%. RTCC. (NER Not in our scope)-1Nos | 1.00 | No | | 0.00 |
| 4 | Supply, installation, testing and commissioning of 3.3KV PANEL-800A/25KA 3 SEC (4 WAY + 1 BUS PT) INDOOR TYPE SWBD PANEL -IP 42 AS PER CONTROL SCHEME-2Nos | 2.00 | No | | 0.00 |
| 5 | Supply, installation, testing and commissioning of 3.3kV, 350kW,Multi-level IGBT H bridge architecture with multi cellconfiguration featuring contactless selfredundancy and equipped with power diode rectifier section integrated to Dry Type input transformer of class H insulation. D/1D0 (6/10) A1/A0 (4/2)-1Nos | 1.00 | No | | 0.00 |
| 6 | Supply, installation, testing and commissioning of PLC System | 1.00 | No | | 0.00 |
| 7 | 11 KV/433V 100KVA Conventional Transformer,Single Pole.Structure with 9.1Mtr PSCC Pole,11 KV 200 Amps AB Switch,Erection of 11 KV H.G. Fuse set | 1.00 | SET | | 0.00 |
| 8 | Supply installation testing and commissioning of 3 phase and neutral 415V free standing floor mounted indoor LT panel made out of No.16 gauge CRCA sheet steel after 7 tank process and painting with powder coating. The panel shall consists of suitable rating TPN Aluminium busbar, 630A 4 Pole, 50kA MCCB, Cu bus bar, 63A / 60A 4 Pole MCCB,Digital meter,CT Digital Ammeter,Analog selector Analog I/P indicator lamps. Analog LT current transformer, Capacitor bank | 1.00 | No | | 0.00 |
| 9 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 11KV, U/G XLPE Aluminium conductor 1R X 3C X 240 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 11KV cable as end termination kits, straight through joint kits (suitable for 3" X 240 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | | 0.00 |
| 10 | Heat shrinkable end termination kit (outdoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables Transformer side | 2.00 | No | | 0.00 |
| 11 | Heat shrinkable end termination kit (Indoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables 11 KV HT panel side | 2.00 | No | | 0.00 |
| 12 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 3.3kV, U/G XLPE Aluminium conductor 1R X 3C X 50 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 3.3kV cable as end termination kits, straight through joint kits (suitable for 3" X 50 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | | 0.00 |
| 13 | Heat shrinkable end termination kit (indoor type) for 3.3kV, 1R X 3C X 50 Sqmm, XLPE, Aluminium conductor Armored cables | 5.00 | No | | 0.00 |
| 14 | Design, supply, laying in ground, jointing, testing, commissioning of 1100V, U/G XLPE Aluminium conductor 1RX 3.5C X 70 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 1100V cable as end termination kits, straight through joint kits (suitable for 3" X 400 Sqmm aluminium cables)-150 | 150.00 | Rmt | | 0.00 |
| 15 | Heat shrinkable end termination kit (Indoor type+Outdoor) for 415V, 1R X 3.5C X 70 Sqmm, XLPE, Aluminium conductor Armored cables Lt panel | 2.00 | No | | 0.00 |
| 16 | Design, supply,installation, testing and commissioning ,PVC Pipe,LP point,Celling fan,batten holder, Socket,Switch,Run of Mains,DistributionBoard,G I PIPE EARTHING,FRLS PVC insulated flexible copper wire,LIGHTING DISTRIBUTION BOARDS,EARTHING OF ELECTRICAL EQUIPMENT, STREET LIGHT POLES,STREET LIGHT LED LUMINAIRES,LT Cables,HDPE PIPE,TERMINATION OF LT CABLE,UPS | 1.00 | LS | | 0.00 |
| 17 | Supply & installation of 1010 KVA OPEN DG Set comprising of Cummins make engine model KTA 38 G5 developing 1180 BHP Coupled to 1010 KVA, 3.3KV TDPS/STAMFORD make alternator mounted on a common base frame, complete with: | 1.00 | SET | | 0.00 |
| i Rajiv Nagar | | | | | |
| 1 | Supplied, installed and commissioned Self — water lubricated vertical turbine pumps complete with bowl assembly, suction bell mouth and strainer, column assembly, discharge head. Bowl Efficiency shall be Not be less than 87% with Vertical hollow shaft LT squirrel cage induction motor Eff 1 rating having 10%more BHP than that of pump make capable operating on 3.3 Volts +/- 10%, 3 Phase, 50 Hz +/-3% motor shall be flameproof/weatherproof, totally enclosed fan cooled suitable for installation in Class Idiv. 1 areas, gas groups C & D as per API -RP-500C and Zone-2, Gas Group-IA/IB, Temperature Class T3as per IS: 5572 certified by BASEFEFA, UK/LCIE, France / CESI, Italy or any other equivalent certificationbodies approved by European Economic Community and FM, USA/ UL, USA or Class-I, Division-I gasgroup IIA & IIB as per IS : 5572 and with IP-55 protection as per IS: 4691 or equivalent IEC standard complete as directed by Engineer-in-Charge. DPS9 : 7632 m³/hr @11m Head Motor 350 kW/495 rpm/3.3kV/TEFC-CACA-3Nos | 3.00 | No | | 0.00 |
| 2 | Supply, installation, testing and commissioning of 11KV PANEL-800A/25KA 3 SEC (1 ICOG) OUTDOOR TYPE SWBD PANEL -IP 55-3Nos | 3.00 | No | | 0.00 |
| 3 | Supply, installation, testing and commissioning of 11KV / 3.3 kV 1600 kVA, ONAN, Natural Ester Oil Filled Transformer conforming to IS 1180with OLTC +/- 10%. RTCC. (NER Not in our scope)-1Nos | 1.00 | No | | 0.00 |
| 4 | Supply, installation, testing and commissioning of 3.3KV PANEL-800A/25KA 3 SEC (4 WAY + 1 BUS PT) INDOOR TYPE SWBD PANEL -IP 42 AS PER CONTROL SCHEME-2Nos | 2.00 | No | | 0.00 |
| 5 | Supply, installation, testing and commissioning of 3.3kV, 350kW,Multi-level IGBT H bridge architecture with multi cellconfiguration featuring contactless selfredundancy and equipped with power diode rectifier section integrated to Dry Type input transformer of class H insulation. D/1D0 (6/10) A1/A0 (4/2)-1Nos | 1.00 | No | | 0.00 |
| 6 | Supply, installation, testing and commissioning of PLC System | 1.00 | No | | 0.00 |
| 7 | 11 KV/433V 100KVA Conventional Transformer,Single Pole.Structure with 9.1Mtr PSCC Pole,11 KV 200 Amps AB Switch,Erection of 11 KV H.G. Fuse set | 1.00 | SET | | 0.00 |
| 8 | Supply installation testing and commissioning of 3 phase and neutral 415V free standing floor mounted indoor LT panel made out of No.16 gauge CRCA sheet steel after 7 tank process and painting with powder coating. The panel shall consists of suitable rating TPN Aluminium busbar, 630A 4 Pole, 50kA MCCB, Cu bus bar, 63A / 60A 4 Pole MCCB,Digital meter,CT Digital Ammeter,Analog selector Analog I/P indicator lamps. Analog LT current transformer, Capacitor bank | 1.00 | No | | 0.00 |
| 9 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 11KV, U/G XLPE Aluminium conductor 1R X 3C X 240 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 11KV cable as end termination kits, straight through joint kits (suitable for 3" X 240 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | | 0.00 |
| 10 | Heat shrinkable end termination kit (outdoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables Transformer side | 2.00 | No | | 0.00 |
| 11 | Heat shrinkable end termination kit (Indoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables 11 KV HT panel side | 2.00 | No | | 0.00 |
| 12 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 3.3kV, U/G XLPE Aluminium conductor 1R X 3C X 50 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 3.3kV cable as end termination kits, straight through joint kits (suitable for 3" X 50 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | | 0.00 |
| 13 | Heat shrinkable end termination kit (indoor type) for 3.3kV, 1R X 3C X 50 Sqmm, XLPE, Aluminium conductor Armored cables | 5.00 | No | | 0.00 |
| 14 | Design, supply, laying in ground, jointing, testing, commissioning of 1100V, U/G XLPE Aluminium conductor 1RX 3.5C X 70 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 1100V cable as end termination kits, straight through joint kits (suitable for 3" X 400 Sqmm aluminium cables)-150 | 150.00 | Rmt | | 0.00 |
| 15 | Heat shrinkable end termination kit (Indoor type+Outdoor) for 415V, 1R X 3.5C X 70 Sqmm, XLPE, Aluminium conductor Armored cables Lt panel | 2.00 | No | | 0.00 |
| 16 | Design, supply,installation, testing and commissioning ,PVC Pipe,LP point,Celling fan,batten holder, Socket,Switch,Run of Mains,DistributionBoard,G I PIPE EARTHING,FRLS PVC insulated flexible copper wire,LIGHTING DISTRIBUTION BOARDS,EARTHING OF ELECTRICAL EQUIPMENT, STREET LIGHT POLES,STREET LIGHT LED LUMINAIRES,LT Cables,HDPE PIPE,TERMINATION OF LT CABLE,UPS | 1.00 | LS | | 0.00 |
| 17 | Supply & installation of 1010 KVA OPEN DG Set comprising of Cummins make engine model KTA 38 G5 developing 1180 BHP Coupled to 1010 KVA, 3.3KV TDPS/STAMFORD make alternator mounted on a common base frame, complete with: | 1.00 | SET | | 0.00 |
| j Beur Betaura Pul | | | | | |
| 1 | Supplied, installed and commissioned Self — water lubricated vertical turbine pumps complete with bowl assembly, suction bell mouth and strainer, column assembly, discharge head. Bowl Efficiency shall be Not be less than 87% with Vertical hollow shaft LT squirrel cage induction motor Eff 1 rating having 10%more BHP than that of pump make capable operating on 3.3 Volts +/- 10%, 3 Phase, 50 Hz +/-3% motor shall be flameproof/weatherproof, totally enclosed fan cooled suitable for installation in Class Idiv. 1 areas, gas groups C & D as per API -RP-500C and Zone-2, Gas Group-IA/IB, Temperature Class T3as per IS: 5572 certified by BASEFEFA, UK/LCIE, France / CESI, Italy or any other equivalent certificationbodies approved by European Economic Community and FM, USA/ UL, USA or Class-I, Division-I gasgroup IIA & IIB as per IS : 5572 and with IP-55 protection as per IS: 4691 or equivalent IEC standard complete as directed by Engineer-in-Charge. DPS10 : 8460 m³/hr @11m Head Motor 380 kW/495 rpm/3.3kV/TEFC-CACA-3Nos | 3.00 | No | | 0.00 |
| 2 | Supply, installation, testing and commissioning of 11KV PANEL-800A/25KA 3 SEC (1 ICOG) OUTDOOR TYPE SWBD PANEL -IP 55-3Nos | 3.00 | No | | 0.00 |
| 3 | Supply, installation, testing and commissioning of 11KV / 3.3 kV 1600 kVA, ONAN, Natural Ester Oil Filled Transformer conforming to IS 1180with OLTC +/- 10%. RTCC. (NER Not in our scope)-1Nos | 1.00 | No | | 0.00 |
| 4 | Supply, installation, testing and commissioning of 3.3KV PANEL-800A/25KA 3 SEC (4 WAY + 1 BUS PT) INDOOR TYPE SWBD PANEL -IP 42 AS PER CONTROL SCHEME-2Nos | 2.00 | No | | 0.00 |
| 5 | Supply, installation, testing and commissioning of 3.3kV, 380kW,Multi-level IGBT H bridge architecture with multi cellconfiguration featuring contactless selfredundancy and equipped with power diode rectifier section integrated to Dry Type input transformer of class H insulation. D/1D0 (6/10) A1/A0 (4/2)-1Nos | 1.00 | No | | 0.00 |
| 6 | Supply, installation, testing and commissioning of PLC System | 1.00 | No | | 0.00 |
| 7 | 11 KV/433V 100KVA Conventional Transformer,Single Pole.Structure with 9.1Mtr PSCC Pole,11 KV 200 Amps AB Switch,Erection of 11 KV H.G. Fuse set | 1.00 | SET | | 0.00 |
| 8 | Supply installation testing and commissioning of 3 phase and neutral 415V free standing floor mounted indoor LT panel made out of No.16 gauge CRCA sheet steel after 7 tank process and painting with powder coating. The panel shall consists of suitable rating TPN Aluminium busbar, 630A 4 Pole, 50kA MCCB, Cu bus bar, 63A / 60A 4 Pole MCCB,Digital meter,CT Digital Ammeter,Analog selector Analog I/P indicator lamps. Analog LT current transformer, Capacitor bank | 1.00 | No | | 0.00 |
| 9 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 11KV, U/G XLPE Aluminium conductor 1R X 3C X 240 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 11KV cable as end termination kits, straight through joint kits (suitable for 3" X 240 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | | 0.00 |
| 10 | Heat shrinkable end termination kit (outdoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables Transformer side | 2.00 | No | | 0.00 |
| 11 | Heat shrinkable end termination kit (Indoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables 11 KV HT panel side | 2.00 | No | | 0.00 |
| 12 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 3.3kV, U/G XLPE Aluminium conductor 1R X 3C X 50 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 3.3kV cable as end termination kits, straight through joint kits (suitable for 3" X 50 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | | 0.00 |
| 13 | Heat shrinkable end termination kit (indoor type) for 3.3kV, 1R X 3C X 50 Sqmm, XLPE, Aluminium conductor Armored cables | 5.00 | No | | 0.00 |
| 14 | Design, supply, laying in ground, jointing, testing, commissioning of 1100V, U/G XLPE Aluminium conductor 1RX 3.5C X 70 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 1100V cable as end termination kits, straight through joint kits (suitable for 3" X 400 Sqmm aluminium cables)-150 | 150.00 | Rmt | | 0.00 |

| | | | | | |
|----------|---|---------|-----|--|------|
| 15 | Heat shrinkable end termination kit (Indoor type+Outdoor) for 415V, 1R X 3.5C X 70 Sqmm, XLPE, Aluminium conductor Armored cables Lt panel | 2.00 | No | | 0.00 |
| 16 | Design, supply,installation, testing and commissioning ,PVC Pipe,LP point,Ceiling fan,batten holder, Socket,Switch,Run of Mains,DistributionBoard,G I PIPE EARTHING,FRLS PVC insulated flexible copper wire,LIGHTING DISTRIBUTION BOARDS,EARTHING OF ELECTRICAL EQUIPMENT, STREET LIGHT POLES,STREET LIGHT LED LUMINAIRES,LTCables,HDPEPIPE,TERMINATION OF LT CABLE,UPS | 1.00 | LS | | 0.00 |
| 17 | Supply & installation of 1010 KVA OPEN DG Set comprising of Cummins make engine model KTA 38 G5 developing 1180 BHP Coupled to 1010 KVA, 3.3KV TDPS/STAMFORD make alternator mounted on a common base frame, complete with: | 1.00 | SET | | 0.00 |
| k | Isopur Brama Ashthan | | | | |
| 1 | Supplied, installed and commissioned Self – water lubricated vertical turbine pumps complete with bowl assembly, suction bell mouth and strainer, column assembly, discharge head. Bowl Efficiency shall be Not be less than 87% with Vertical hollow shaft LT squirrel cage induction motor Eff 1 rating having 10%more BHP than that of pump make capable operating on 3.3 Volts +/- 10%, 3 Phase, 50 Hz +/-3% motor shall be flameproof/weatherproof, totally enclosed fan cooled suitable for installation in Class IDiv. I areas, gas groups C & D as per API –RP-500C and Zone-2, Gas Group-IA/IB, Temperature Class T3as per IS: 5572 certified by BASEFEPA, UK/LCIE, France / CESI, Italy or any other equivalent certificationbodies approved by European Economic Community and FM, USA/ UL, USA or Class-I, Division-I gasgroup IIA & IIB as per IS : 5572 and with IP-55 protection as per IS: 4691 or equivalent IEC standard complete as directed by Engineer-in-Charge. DPS11 : 8568 m³/hr @10.5m Head Motor 380 kW/495 rpm/3.3kV/TEFC-CACA-3Nos | 3.00 | No | | 0.00 |
| 2 | Supply, installation, testing and commissioning of 11KV PANEL-800A/25KA 3 SEC (1 ICOC) OUTDOOR TYPE SWBD PANEL -IP 55-3Nos | 3.00 | No | | 0.00 |
| 3 | Supply, installation, testing and commissioning of 11KV / 3.3 kV 1600 KVA, ONAN, Natural Ester Oil Filled Transformer conforming to IS 1180with OLTC +/- 10%, RTCC. (NER Not in our scope)-1Nos | 1.00 | No | | 0.00 |
| 4 | Supply, installation, testing and commissioning of 3.3KV PANEL-800A/25KA 3 SEC (4 WAY + 1 BUS PT) INDOOR TYPE SWBD PANEL -IP 42 AS PER CONTROL SCHEME-2Nos | 2.00 | No | | 0.00 |
| 5 | Supply, installation, testing and commissioning of 3.3KV, 380kW,Multi-level IGBT H bridge architecture with multi cellconfiguration featuring contactless cellredundancy and equipped with power diode rectifier section integrated to Dry Type input transformer of class H insulation. D1/D0 (6/10) A1/A0 (4/2)-1Nos | 1.00 | No | | 0.00 |
| 6 | Supply, installation, testing and commissioning of PLC System | 1.00 | No | | 0.00 |
| 7 | 11 KV/433V 100KVA Conventional Transformer,Single Pole.Structure with 9.1Mtr PSCC Pole,11 KV 200 Amps AB Switch,Erection of 11 KV H.G. Fuse set | 1.00 | SET | | 0.00 |
| 8 | Supply installation testing and commissioning of 3 phase and neutral 415V free standing floor mounted indoor LT panel made out of No.16 gauge CRCA sheet steel after 7 tank process and painting with powder coating. The panel shall consists of suitable rating TPN Aluminium busbar, 630A 4 Pole, 50kA MCCB, Cu bus bar, 63A / 60A 4 Pole MCCB,Digital meter,CT Digital Ammeter,Analog selector Analog LPD indicator lamps. Analogue LT current transformer, Capacitor bank | 1.00 | No | | 0.00 |
| 9 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 11KV, U/G XLPE Aluminium conductor 1R X 3C X 240 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 11KV cable as end termination kits, straight through joint kits (suitable for 3C X 240 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | | 0.00 |
| 10 | Heat shrinkable end termination kit (outdoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables Transformer side | 2.00 | No | | 0.00 |
| 11 | Heat shrinkable end termination kit (Indoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables 11 KV HT panel side | 2.00 | No | | 0.00 |
| 12 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 3.3KV, U/G XLPE Aluminium conductor 1R X 3C X 50 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 3.3KV cable as end termination kits, straight through joint kits (suitable for 3C X 50 Sqmm aluminium cables)-500Mtrs | 500.00 | Rmt | | 0.00 |
| 13 | Heat shrinkable end termination kit (indoor type) for 3.3KV, 1R X 3C X 50 Sqmm, XLPE, Aluminium conductor Armored cables | 5.00 | No | | 0.00 |
| 14 | Design, supply, laying in ground, jointing, testing, commissioning of 1100V, U/G XLPE Aluminium conductor 1RX 3.5C X 70 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 1100V cable as end termination kits, straight through joint kits (suitable for 3C X 40 Sqmm aluminium cables)-50 | 150.00 | Rmt | | 0.00 |
| 15 | Heat shrinkable end termination kit (Indoor type+Outdoor) for 415V, 1R X 3.5C X 70 Sqmm, XLPE, Aluminium conductor Armored cables Lt panel | 2.00 | No | | 0.00 |
| 16 | Design, supply,installation, testing and commissioning ,PVC Pipe,LP point,Ceiling fan,batten holder, Socket,Switch,Run of Mains,DistributionBoard,G I PIPE EARTHING,FRLS PVC insulated flexible copper wire,LIGHTING DISTRIBUTION BOARDS,EARTHING OF ELECTRICAL EQUIPMENT, STREET LIGHT POLES,STREET LIGHT LED LUMINAIRES,LTCables,HDPEPIPE,TERMINATION OF LT CABLE,UPS | 1.00 | LS | | 0.00 |
| 17 | Supply & installation of 1010 KVA OPEN DG Set comprising of Cummins make engine model KTA 38 G5 developing 1180 BHP Coupled to 1010 KVA, 3.3KV TDPS/STAMFORD make alternator mounted on a common base frame, complete with: | 1.00 | SET | | 0.00 |
| l | Ghurdaur Nehru Path | | | | |
| 1 | Supplied, installed and commissioned Self – water lubricated vertical turbine pumps complete with bowl assembly, suction bell mouth and strainer, column assembly, discharge head. Bowl Efficiency shall be Not be less than 87% with Vertical hollow shaft LT squirrel cage induction motor Eff 1 rating having 10%more BHP than that of pump make capable operating on 3.3 Volts +/- 10%, 3 Phase, 50 Hz +/-3% motor shall be flameproof/weatherproof, totally enclosed fan cooled suitable for installation in Class IDiv. I areas, gas groups C & D as per API –RP-500C and Zone-2, Gas Group-IA/IB, Temperature Class T3as per IS: 5572 certified by BASEFEPA, UK/LCIE, France / CESI, Italy or any other equivalent certificationbodies approved by European Economic Community and FM, USA/ UL, USA or Class-I, Division-I gasgroup IIA & IIB as per IS : 5572 and with IP-55 protection as per IS: 4691 or equivalent IEC standard complete as directed by Engineer-in-Charge. DPS12 : 6030 m³/hr @13.5m Head, Motor 350 kW/742 rpm/3.3kV/TEFC-CACA-6Nos | 6.00 | No | | 0.00 |
| 2 | Supply, installation, testing and commissioning of 11KV PANEL-800A/25KA 3 SEC (1 ICOC) OUTDOOR TYPE SWBD PANEL -IP 55-6Nos | 6.00 | No | | 0.00 |
| 3 | Supply, installation, testing and commissioning of 11KV / 3.3 kV 1600 KVA, ONAN, Natural Ester Oil Filled Transformer conforming to IS 1180with OLTC +/- 10%, RTCC. (NER Not in our scope)-2Nos | 2.00 | No | | 0.00 |
| 4 | Supply, installation, testing and commissioning of 3.3KV PANEL-800A/25KA 3 SEC (4 WAY + 1 BUS PT) INDOOR TYPE SWBD PANEL -IP 42 AS PER CONTROL SCHEME-4Nos | 4.00 | No | | 0.00 |
| 5 | Supply, installation, testing and commissioning of 3.3KV, 380kW,Multi-level IGBT H bridge architecture with multi cellconfiguration featuring contactless cellredundancy and equipped with power diode rectifier section integrated to Dry Type input transformer of class H insulation. D1/D0 (6/10) A1/A0 (4/2)-2Nos | 2.00 | No | | 0.00 |
| 6 | Supply, installation, testing and commissioning of PLC System | 1.00 | No | | 0.00 |
| 7 | 11 KV/433V 100KVA Conventional Transformer,Single Pole.Structure with 9.1Mtr PSCC Pole,11 KV 200 Amps AB Switch,Erection of 11 KV H.G. Fuse set | 1.00 | SET | | 0.00 |
| 8 | Supply installation testing and commissioning of 3 phase and neutral 415V free standing floor mounted indoor LT panel made out of No.16 gauge CRCA sheet steel after 7 tank process and painting with powder coating. The panel shall consists of suitable rating TPN Aluminium busbar, 630A 4 Pole, 50kA MCCB, Cu bus bar, 63A / 60A 4 Pole MCCB,Digital meter,CT Digital Ammeter,Analog selector Analog LPD indicator lamps. Analogue LT current transformer, Capacitor bank | 1.00 | No | | 0.00 |
| 9 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 11KV, U/G XLPE Aluminium conductor 1R X 3C X 240 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 11KV cable as end termination kits, straight through joint kits (suitable for 3C X 240 Sqmm aluminium cables)-500Mtrs | 750.00 | Rmt | | 0.00 |
| 10 | Heat shrinkable end termination kit (outdoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables Transformer side | 2.00 | No | | 0.00 |
| 11 | Heat shrinkable end termination kit (Indoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables 11 KV HT panel side | 2.00 | No | | 0.00 |
| 12 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 3.3KV, U/G XLPE Aluminium conductor 1R X 3C X 50 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 3.3KV cable as end termination kits, straight through joint kits (suitable for 3C X 50 Sqmm aluminium cables)-500Mtrs | 1500.00 | Rmt | | 0.00 |
| 13 | Heat shrinkable end termination kit (indoor type) for 3.3KV, 1R X 3C X 50 Sqmm, XLPE, Aluminium conductor Armored cables | 9.00 | No | | 0.00 |
| 14 | Design, supply, laying in ground, jointing, testing, commissioning of 1100V, U/G XLPE Aluminium conductor 1RX 3.5C X 70 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 1100V cable as end termination kits, straight through joint kits (suitable for 3C X 40 Sqmm aluminium cables)-50 | 150.00 | Rmt | | 0.00 |
| 15 | Heat shrinkable end termination kit (Indoor type+Outdoor) for 415V, 1R X 3.5C X 70 Sqmm, XLPE, Aluminium conductor Armored cables Lt panel | 2.00 | No | | 0.00 |
| 16 | Design, supply,installation, testing and commissioning ,PVC Pipe,LP point,Ceiling fan,batten holder, Socket,Switch,Run of Mains,DistributionBoard,G I PIPE EARTHING,FRLS PVC insulated flexible copper wire,LIGHTING DISTRIBUTION BOARDS,EARTHING OF ELECTRICAL EQUIPMENT, STREET LIGHT POLES,STREET LIGHT LED LUMINAIRES,LTCables,HDPEPIPE,TERMINATION OF LT CABLE,UPS | 1.00 | LS | | 0.00 |
| 17 | Supply & installation of 1500 KVA OPEN DG Set comprising of Cummins make engine model KTA 50 G8-1 developing 1735 BHP Coupled to 1500 KVA,6.6KV TDPS/STAMFORD make alternator mounted on a common base frame, complete with: | 1.00 | SET | | 0.00 |
| m | Khanpura | | | | |
| 1 | Supplied, installed and commissioned Self – water lubricated vertical turbine pumps complete with bowl assembly, suction bell mouth and strainer, column assembly, discharge head. Bowl Efficiency shall be Not be less than 87% with Vertical hollow shaft LT squirrel cage induction motor Eff 1 rating having 10%more BHP than that of pump make capable operating on 3.3 Volts +/- 10%, 3 Phase, 50 Hz +/-3% motor shall be flameproof/weatherproof, totally enclosed fan cooled suitable for installation in Class IDiv. I areas, gas groups C & D as per API –RP-500C and Zone-2, Gas Group-IA/IB, Temperature Class T3as per IS: 5572 certified by BASEFEPA, UK/LCIE, France / CESI, Italy or any other equivalent certificationbodies approved by European Economic Community and FM, USA/ UL, USA or Class-I, Division-I gasgroup IIA & IIB as per IS : 5572 and with IP-55 protection as per IS: 4691 or equivalent IEC standard complete as directed by Engineer-in-Charge. DPS13 :11262 m³/hr @11.5m Head Motor 550 kW/495 rpm/3.3kV/TEFC-CACA-9Nos | 9.00 | No | | 0.00 |
| 2 | Supply, installation, testing and commissioning of 11KV PANEL-800A/25KA 3 SEC (1 ICOC) OUTDOOR TYPE SWBD PANEL -IP 55-9Nos | 9.00 | No | | 0.00 |
| 3 | Supply, installation, testing and commissioning of 11KV / 3.3 kV 2000 KVA, ONAN, Natural Ester Oil Filled Transformer conforming to IS 1180with OLTC +/- 10%, RTCC. (NER Not in our scope)-3Nos | 3.00 | No | | 0.00 |
| 4 | Supply, installation, testing and commissioning of 3.3KV PANEL-800A/25KA 3 SEC (4 WAY + 1 BUS PT) INDOOR TYPE SWBD PANEL -IP 42 AS PER CONTROL SCHEME-6Nos | 6.00 | No | | 0.00 |
| 5 | Supply, installation, testing and commissioning of 3.3KV, 550kW,Multi-level IGBT H bridge architecture with multi cellconfiguration featuring contactless cellredundancy and equipped with power diode rectifier section integrated to Dry Type input transformer of class H insulation. D1/D0 (6/10) A1/A0 (4/2)-3Nos | 3.00 | No | | 0.00 |
| 6 | Supply, installation, testing and commissioning of PLC System | 1.00 | No | | 0.00 |
| 7 | 11 KV/433V 100KVA Conventional Transformer,Single Pole.Structure with 9.1Mtr PSCC Pole,11 KV 200 Amps AB Switch,Erection of 11 KV H.G. Fuse set | 1.00 | SET | | 0.00 |
| 8 | Supply installation testing and commissioning of 3 phase and neutral 415V free standing floor mounted indoor LT panel made out of No.16 gauge CRCA sheet steel after 7 tank process and painting with powder coating. The panel shall consists of suitable rating TPN Aluminium busbar, 630A 4 Pole, 50kA MCCB, Cu bus bar, 63A / 60A 4 Pole MCCB,Digital meter,CT Digital Ammeter,Analog selector Analog LPD indicator lamps. Analogue LT current transformer, Capacitor bank | 1.00 | No | | 0.00 |
| 9 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 11KV, U/G XLPE Aluminium conductor 1R X 3C X 240 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply ,installation ,testing commissioning of all accessories required for laying of 11KV cable as end termination kits, straight through joint kits (suitable for 3C X 240 Sqmm aluminium cables)-500Mtrs | 1000.00 | Rmt | | 0.00 |
| 10 | Heat shrinkable end termination kit (outdoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables Transformer side | 4.00 | No | | 0.00 |
| 11 | Heat shrinkable end termination kit (Indoor type) for 11KV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables 11 KV HT panel side | 4.00 | No | | 0.00 |

| | | | | | |
|--|---|---------|-----|--|-------------|
| 12 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 3.3kV, U/G XLPE Aluminium conductor 1R X 3C X 50 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 3.3kV cable as end termination kits, straight through joint kits (suitable for 3C X 50 Sqmm aluminium cables)-500mtrs. | 2500.00 | Rmt | | 0.00 |
| 13 | Heat shrinkable end termination kit (indoor type) for 3.3kV, 1R X 3C X 50 Sqmm, XLPE, Aluminium conductor Armored cables | 18.00 | No | | 0.00 |
| 14 | Design, supply, laying in ground, jointing, testing, commissioning of 1100V, U/G XLPE Aluminium conductor 1RX 3.5C X 70 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 1100V cable as end termination kits, straight through joint kits (suitable for 3C X 400 Sqmm aluminium cables)-150 | 150.00 | Rmt | | 0.00 |
| 15 | Heat shrinkable end termination kit (indoor type+Outdoor Type) for 415V, 1R X 3.5C X 70 Sqmm, XLPE, Aluminium conductor Armored cables -Lt panel | 2.00 | No | | 0.00 |
| 16 | Design, supply, installation, testing and commissioning ,PVC Pipe,LP point,Ceiling fan,batten holder, Socket,Switch,Run of Mains,DistributionBoard,G I PIPE EARTHING,FRLS PVC insulated flexible copper wire,LIGHTING DISTRIBUTION BOARDS,EARTHING OF ELECTRICAL EQUIPMENT, STREET LIGHT POLES, STREET LIGHT LED LUMINAIRES, LT Cables, HDPE PIPE, TERMINATION OF LT CABLE, UPS | 1.00 | LS | | 0.00 |
| 17 | Supply & installation of 1500 KVA OPEN DG Set comprising of Cummins make engine model KTA 50 G8-1 developing 1735 BHP Coupled to 1500 KVA, 6.6KV TDP/STAMFORD make alternator mounted on a common base frame, complete with: | 2.00 | SET | | 0.00 |
| n Barmutta | | | | | |
| 1 | Supplied, installed and commissioned Self — water lubricated vertical turbine pumps complete with bowl assembly, suction bell mouth and strainer, column assembly, discharge head. Bowl Efficiency shall be Not be less than 87% with Vertical hollow shaft LT squirrel cage induction motor. Eff 1 rating having 10% more BHP than that of pump make capable operating on 3.3 Volts +/- 10%, 3 Phase, 50 Hz +/- 3% motor shall be flameproof/weatherproof, totally enclosed fan cooled suitable for installation in Class IDiv. 1 areas, gas groups C & D as per API -RP-500C and Zone-2, Gas Group-IIA/IB, Temperature Class T3as per IS: 5572 certified by BASEFEFA, UK/CLIE, France / CESI, Italy or any other equivalent certification bodies approved by European Economic Community and FM, USA/UL, USA or Class-1, Division-I gas group IIA & IIB as per IS : 5572 and with IP-55 protection as per IS: 4691 or equivalent IEC standard complete as directed by Engineer-in-Charge. | | | | |
| | DPS13 :11262 m ³ /hr @11.5m Head Motor 550 kW/495 rpm/3.3kV/TEFC-CACA-9nos | 9.00 | No | | 0.00 |
| 2 | Supply, installation, testing and commissioning of 11KV PANEL-800A/25KA 3 SEC (1 ICOG) OUTDOOR TYPE SWBD PANEL -IP 55-9nos | 9.00 | No | | 0.00 |
| 3 | Supply, installation, testing and commissioning of 11kV / 3.3 kV 2000 KVA, ONAN, Natural Ester Oil Filled Transformer conforming to IS 1180with OLTC +/- 10%. RTCC (NER Not in our scope)-2Nos | 3.00 | No | | 0.00 |
| 4 | Supply, installation, testing and commissioning of 3.3KV PANEL-800A/25KA 3 SEC (4 WAY + 1 BUS PT) INDOOR TYPE SWBD PANEL -IP 42 AS PER CONTROL SCHEME-6Nos | 6.00 | No | | 0.00 |
| 5 | Supply, installation, testing and commissioning of 3.3kV, 550kW, Multi-level IGBT H bridge architecture with multi cell configuration featuring contactless cell redundancy and equipped with power diode rectifier section integrated to Dry Type input transformer of class H insulation. DI/DO (6/10) AI/AO (4/2)-3Nos | 3.00 | No | | 0.00 |
| 6 | Supply, installation, testing and commissioning of PLC System | 1.00 | No | | 0.00 |
| 7 | 11 KV/433V 100KVA Conventional Transformer, Single Pole. Structure with 9.1Mtr PSCC Pole, 11 KV 200 Amps AB Switch, Erection of 11 KV H.G. Fuse set | 1.00 | SET | | 0.00 |
| 8 | Supply installation testing and commissioning of 3 phase and neutral 415V free standing floor mounted indoor LT panel made out of No.16 gauge CRCA sheet steel after 7 tank process and painting with powder coating. The panel shall consists of suitable rating TPN Aluminium busbar, 630A 4 Pole, 50KA MCCB, Cu bus bar, 63A / 60A 4 Pole MCCB, Digital meter, CT Digital Ammeter, Analog selector Analog LED Indicator Lamps, Analog LT Current transformer, Capacitor bank | 1.00 | No | | 0.00 |
| 9 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 11kV, U/G XLPE Aluminium conductor 1R X 3C X 240 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 11kV cable as end termination kits, straight through joint kits (suitable for 3C X 240 Sqmm aluminium cables)-500mtrs. | 1000.00 | Rmt | | 0.00 |
| 10 | Heat shrinkable end termination kit (outdoor type) for 11kV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables Transformer side | 4.00 | No | | 0.00 |
| 11 | Heat shrinkable end termination kit (Indoor type) for 11kV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables 11 KV HT panel side | 4.00 | No | | 0.00 |
| 12 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 3.3kV, U/G XLPE Aluminium conductor 1R X 3C X 50 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 3.3kV cable as end termination kits, straight through joint kits (suitable for 3C X 50 Sqmm aluminium cables)-500mtrs | 2500.00 | Rmt | | 0.00 |
| 13 | Heat shrinkable end termination kit (indoor type) for 3.3kV, 1R X 3C X 50 Sqmm, XLPE, Aluminium conductor Armored cables | 18.00 | No | | 0.00 |
| 14 | Design, supply, laying in ground, jointing, testing, commissioning of 1100V, U/G XLPE Aluminium conductor 1RX 3.5C X 70 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 1100V cable as end termination kits, straight through joint kits (suitable for 3C X 400 Sqmm aluminium cables)-150 | 150.00 | Rmt | | 0.00 |
| 15 | Heat shrinkable end termination kit (indoor type+Outdoor Type) for 415V, 1R X 3.5C X 70 Sqmm, XLPE, Aluminium conductor Armored cables -Lt panel | 2.00 | No | | 0.00 |
| 16 | Design, supply, installation, testing and commissioning ,PVC Pipe,LP point,Ceiling fan,batten holder, Socket,Switch,Run of Mains,DistributionBoard,G I PIPE EARTHING,FRLS PVC insulated flexible copper wire,LIGHTING DISTRIBUTION BOARDS,EARTHING OF ELECTRICAL EQUIPMENT, STREET LIGHT POLES, STREET LIGHT LED LUMINAIRES, LT Cables, HDPE PIPE, TERMINATION OF LT CABLE, UPS | 1.00 | LS | | 0.00 |
| 17 | Supply & installation of 1500 KVA OPEN DG Set comprising of Cummins make engine model KTA 50 G8-1 developing 1735 BHP Coupled to 1500 KVA, 6.6KV TDP/STAMFORD make alternator mounted on a common base frame, complete with: | 2.00 | SET | | 0.00 |
| o Canal DPS | | | | | |
| 1 | Supplied, installed and commissioned Self — water lubricated vertical turbine pumps complete with bowl assembly, suction bell mouth and strainer, column assembly, discharge head. Bowl Efficiency shall be Not be less than 87% with Vertical hollow shaft LT squirrel cage induction motor. Eff 1 rating having 10% more BHP than that of pump make capable operating on 3.3 Volts +/- 10%, 3 Phase, 50 Hz +/- 3% motor shall be flameproof/weatherproof, totally enclosed fan cooled suitable for installation in Class IDiv. 1 areas, gas groups C & D as per API -RP-500C and Zone-2, Gas Group-IIA/IB, Temperature Class T3as per IS: 5572 certified by BASEFEFA, UK/CLIE, France / CESI, Italy or any other equivalent certification bodies approved by European Economic Community and FM, USA/UL, USA or Class-1, Division-I gas group IIA & IIB as per IS : 5572 and with IP-55 protection as per IS: 4691 or equivalent IEC standard complete as directed by Engineer-in-Charge. | | | | |
| | DPS15 : 6444 m ³ /hr @9m Head, Motor 350 kW/742 rpm/3.3kV/TEFC-CACA-6Nos | 6.00 | No | | 0.00 |
| 2 | Supply, installation, testing and commissioning of 11KV PANEL-800A/25KA 3 SEC (1 ICOG) OUTDOOR TYPE SWBD PANEL -IP 55-6Nos | 6.00 | No | | 0.00 |
| 3 | Supply, installation, testing and commissioning of 11kV / 3.3 kV 1600 KVA, ONAN, Natural Ester Oil Filled Transformer conforming to IS 1180with OLTC +/- 10%. RTCC (NER Not in our scope)-2Nos | 2.00 | No | | 0.00 |
| 4 | Supply, installation, testing and commissioning of 3.3KV PANEL-800A/25KA 3 SEC (4 WAY + 1 BUS PT) INDOOR TYPE SWBD PANEL -IP 42 AS PER CONTROL SCHEME-4Nos | 4.00 | No | | 0.00 |
| 5 | Supply, installation, testing and commissioning of 3.3kV, 380kW, Multi-level IGBT H bridge architecture with multi cell configuration featuring contactless cell redundancy and equipped with power diode rectifier section integrated to Dry Type input transformer of class H insulation. DI/DO (6/10) AI/AO (4/2)-2Nos | 2.00 | No | | 0.00 |
| 6 | Supply, installation, testing and commissioning of PLC System | 1.00 | No | | 0.00 |
| 7 | 11 KV/433V 100KVA Conventional Transformer, Single Pole. Structure with 9.1Mtr PSCC Pole, 11 KV 200 Amps AB Switch, Erection of 11 KV H.G. Fuse set | 1.00 | SET | | 0.00 |
| 8 | Supply installation testing and commissioning of 3 phase and neutral 415V free standing floor mounted indoor LT panel made out of No.16 gauge CRCA sheet steel after 7 tank process and painting with powder coating. The panel shall consists of suitable rating TPN Aluminium busbar, 630A 4 Pole, 50KA MCCB, Cu bus bar, 63A / 60A 4 Pole MCCB, Digital meter, CT Digital Ammeter, Analog selector Analog LED Indicator Lamps, Analog LT Current transformer, Capacitor bank | 1.00 | No | | 0.00 |
| 9 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 11kV, U/G XLPE Aluminium conductor 1R X 3C X 240 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 11kV cable as end termination kits, straight through joint kits (suitable for 3C X 240 Sqmm aluminium cables)-500mtrs. | 750.00 | Rmt | | 0.00 |
| 10 | Heat shrinkable end termination kit (outdoor type) for 11kV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables Transformer side | 2.00 | No | | 0.00 |
| 11 | Heat shrinkable end termination kit (Indoor type) for 11kV, 1R X 3C X 240 Sqmm, XLPE, Aluminium conductor Armored cables 11 KV HT panel side | 2.00 | No | | 0.00 |
| 12 | Design, supply, laying in RCC trench, jointing, testing, commissioning of 3.3kV, U/G XLPE Aluminium conductor 1R X 3C X 50 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 3.3kV cable as end termination kits, straight through joint kits (suitable for 3C X 50 Sqmm aluminium cables)-500mtrs | 1500.00 | Rmt | | 0.00 |
| 13 | Heat shrinkable end termination kit (indoor type) for 3.3kV, 1R X 3C X 50 Sqmm, XLPE, Aluminium conductor Armored cables | 9.00 | No | | 0.00 |
| 14 | Design, supply, laying in ground, jointing, testing, commissioning of 1100V, U/G XLPE Aluminium conductor 1RX 3.5C X 70 Sqmm, conforming to relevant & latest IEC, Indian standards and State electricity regulations. The work shall be inclusive of supply, installation, testing commissioning of all accessories required for laying of 1100V cable as end termination kits, straight through joint kits (suitable for 3C X 400 Sqmm aluminium cables)-150 | 150.00 | Rmt | | 0.00 |
| 15 | Heat shrinkable end termination kit (indoor type+Outdoor) for 415V, 1R X 3.5C X 70 Sqmm, XLPE, Aluminium conductor Armored cables -Lt panel | 2.00 | No | | 0.00 |
| 16 | Design, supply, installation, testing and commissioning ,PVC Pipe,LP point,Ceiling fan,batten holder, Socket,Switch,Run of Mains,DistributionBoard,G I PIPE EARTHING,FRLS PVC insulated flexible copper wire,LIGHTING DISTRIBUTION BOARDS,EARTHING OF ELECTRICAL EQUIPMENT, STREET LIGHT POLES, STREET LIGHT LED LUMINAIRES, LT Cables, HDPE PIPE, TERMINATION OF LT CABLE, UPS | 1.00 | LS | | 0.00 |
| 17 | Supply & installation of 1500 KVA OPEN DG Set comprising of Cummins make engine model KTA 50 G8-1 developing 1735 BHP Coupled to 1500 KVA, 6.6KV TDP/STAMFORD make alternator mounted on a common base frame, complete with: | 1.00 | SET | | 0.00 |
| 100KVA DG SET | | | | | |
| | Supply & installation of 100 KVA OPEN DG Set comprising of Cummins make engine 415 V STAMFORD make alternator mounted on a common base frame, complete with:VCB, CBR, NIs & NGR, Acoustic enclosure Exhaust. system, power cable, control cable Etc | 13.00 | SET | | 0.00 |
| Total Cost (A) | | | | | 0.00 |
| GST @12% on (A) | | | | | 0.00 |
| Labour Cess @ 1% on (A) | | | | | 0.00 |
| Grand Total Amount of Project in Figure | | | | | 0.00 |