



SCHEDULE OF RATES (UNPRICED PART)

BID DOCUMENT No.: BCPL/C&P/LA16W128AD/00014

Date: 12.08.2016

Bidder must mentioned as QUOTED in un-priced bid



(SOR FOR SERVICES)

Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		ITEM (Part-1A) OPERATION OF GEG ROUND THE CLOCK BASIS						
1	10	OPERATION OF GEG WORKS (Part-1A) Operation and maintenance of electrical system of GEG/DEG Sets & associatyed systems at BCPL C2 recovery plant Lakwa,as per the terms and conditions & scpoe of work laid down in the SCC part of tender document.The job shall be executed on round the clock basis by total services shall be utilized 4 high skill, 4 skill and 4 semi skill .The job shall include attending electrical maint works,opearation of GEG/DEG Sets, Electrical panels, street lights etc..Suply of spares in this part shall be under scope of BCPL.	EA	12				
		ITEM (Part-2A) PLANT R&M OF LT SW GR.TR.MCC,ACB ,ETC AGAINST MAINT SERVICE						
2	120	PLANT R&M OF LT SW GR.TR.MCC,ACB ,ETC AGAINST MAINT SERVICE (Part-2A) Lump sum charges to carry out electrical repair and maintenance of light fittings ,HT/LT switch boards, cleaning of all ceiling fans, lighting boards, panels and any similar job as per instruction of EIC , in different parts of the plant,as per the terms and conditions & scpoe of work laid down in the SCC part of tender document. Contractor shall have to carry out above jobs simulatnously at 4 different locations. have to carry out above jobs simulatnously at 4 different locations. Total services shall be utilized 4 high skill,3 skill,1 semiskill ,and 1 unskill under the supervision of a qualified supervisor deputed by the contractor. .Supply of spares shall be under scope of BCPL.	EA	12				



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		ITEM (Part-3A) R&M OF INSTRUMENTATION WORKS						
3	10	R&M OF INSTRUMENTATION WORKS (Part-3A) Lump sum charges for instrumentation repair and maintenance jobs involving field & panel instrument checking ,calibration of control valve etc. as per the terms and conditions & scpoe of work laid down in the SCC part of tender documen.Supply of Spares shall be under scope of BCPL.Total services shall be utilized 1 highskill, 1 skill, 1 un skill deputed by the contractor..	EA	12				
		ITEM (Part-4A) R&M OF INSTRUMENTATION ROUND THE CLOCK BASIS						
4	10	R&M OF INSTRUMENTATION WORKS (Part-4A) Operation and maintenance of instrument system of c2 recovery plant lakwa as per the term and condition & scop of work laid down in the scc part of tender document.the job shall be executed on round the clock basis and job shall include attending instrument maint.work at unit,geg&gdt. Lump sum charges for instrumentation repair and maintenance jobs involving field & panel instrument checking ,calibration of control valve etc. as per the terms and conditions & scpoe of work laid down in the SCC part of tender documen.Supply of Spares shall be under scope of GAIL. .Total services shall be utilized 4 skill, 4 semi skill .deputed by the contractor.	EA	12				
		ITEM (Part-5A) SIV TOWNSHIP R&M of LT, HT						
5	10	Lump sum charges to carry out electrical repair and maintenance of LT switch gears transformers MCC, ACBs in the Sub-station, Electricals equipments, lighting circuits, feeders, ceiling fans exhaust fans in	EA	12				



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		the quaters and any other similar works as per instruction of EIC and as per the terms and condition and scope of work laid down in the SCC part of tender documen..Supply of spares shall be under scope of BCPL total services shall be utilized 1high skill. Deputed by the contractor.						
		ITEM(Part -6A) ROUND THE CLOCK OPERATION OF DG SET AT BCPL TOWNSHIP SIVASAGAR						
6	10	ROUND THE CLOCK OPERATION OF DG SET GAIL TOWNSHIP WORKS (Part-6A) Operation and maintenance of electrical system at BCPL township Sivasagar as per the item and conditions & scpoe of work laid down in the SCC part of tender document. The job shall be executed on round the clock basis .The job shall include attending electrical maint. works, opearation of DEG Sets LT panel street lights A/cs as per requirement in order to maintain unintrupted power supply to the residence in the township. Supply of fuel oil (diesel) shall be under scope of BCPL. Total services shall be utilized 1high skill,1 skill and 6 simiskill .deputed by the contractor.	EA	12				
(SOR for Emergency SERVICE)								
		ITEM (Part-7A) SERVICES FOR CARRING OUT S/d, EMERGENCY/CONTIGENT NATURE JOB						
7	10	HIGHLY SKILL ELECTRICAL SERVICE ITEM	EA	100				
		HIGHLY SKILL ELECTRICAL SERVICE:- Providing service for carrying out any unforessen/contingent nature job not covered under above item. This will be purely on call basis as and when required.						



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
7	20	SKILL ELECTRICAL SERVICES:	EA	150				
		SKILL ELECTRICAL SERVICES:- Providing manpower services for carrying out any unforeseen/ contingent nature job not covered under above items. This will be purely on call basis as and when required.						
7	30	SEMI SKILL ELECTRICAL SERVICES	EA	150				
		SEMI SKILL ELECTRICAL SERVICES:- Providing manpower services for carrying out any unforeseen/ contingent nature job not covered under above items. This will be purely on call basis as and when required.						
7	40	UNSKILL ELECTRICAL SERVICES:	EA	150				
		UNSKILL ELECTRICAL SERVICES:- Providing manpower services for carrying out any unforeseen/ contingent nature job not covered under above items. This will be purely on call basis as and when required.						
<u>(SOR FOR ELECTRICAL SPARES/SERVICES)</u>								
		R&M AT LAKWA PLANT/GDT/TOWNSHIP						
		Supply, Installation, testing & Commissioning of following normal / heavy duty industrial types of exhaust fan including fabrication of supports & all associated civil work like making of cutout on the wall, plastering etc. Item includes connections of fan with 3x2.5mm ² , flexible cable up to 2 mtr. length. all the material required shall be in the contractor scope of supply. Fan shall be of Bajaj, Crompton, GEC, Havells make.						
8	10	300 mm, dia, 1ph, 4-pole wall mounting with louvers	EA	6				
8	20	450 mm dia 1 ph, 4-pole wall mounting with louvers	EA	6				



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	30	450 mm dia 1 ph, 4-pole wall mounting with louvers	EA	5				
8	40	380 mm 1400 RPM 180W 1Ph, heavy duty exhaust fan	EA	6				
		Supply & Fixing of						
		PVC conduit on walls/wodden panel etc. conduit shall be fixed using PVC rawl plugs and wooden screws saddles at regular intervals of appropriate size ,celling rose,PVC JB's etc.material shall be dully approved by EIC.						
8	50	1.5" flat PVC casing and capping conduit	M	150				
8	60	1.5" dia PVC pipe conduit , saddels at ergular intervals.	M	150				
		Supply and fixing of PVC						
		Insulated copper wire of following sizes in PVC conduits, connection at both ends including its necessary terminations.						
8	70	1x1.5 sq. mm	M	600				
8	80	1x4 Sq mm	M	400				
8	90	1x2.5 sq.mm	M	400				
8	100	3x2.5 Sq mm Cable	M	600				
		Supply and fixing of PVC boards of following sizes with the acesories mentioned against each duly fixed on the board including wiring with 4 sq. mm. Copper cable and including all necessary terminations. Material shall be duly approved by the EIC						



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	110	PVC board of size 6" x 8" with 2 no. of 6 AMP sw-Socket.& 1 no,16 Amps sw-socket (The sockets should be 5 pin type,Make-Anchor)	EA	8				
8	120	PVC board of size 4"x7" with 2 no.of 6 AMP sw-Socket s(The sockets should be 5 pin type,Make-Anchor)	EA	8				
8	130	PVC board of size 4"x4" with 1 no. of 6 AMP sw-Socket. (The sockets should be 5 pin type,Make-Anchor)	EA	8				
8	140	PVC board of size 4"x7" with 1 no. of 16 AMP sw-Socket (The sockets should be 5 pin type,Make-Anchor)	EA	8				
8	150	PVC board of size 6"x8" with 3 nos.of 6 AMP sw - Sockets (The sockets should be 5 pin type,Make-Anchor)	EA	4				
8	160	PVC board of size 6"x8" with 3 nos.of 6 AMP sw - Sockets (The sockets should be 5 pin type, Make-Anchor)	EA	4				
		Excavation and refilling						
8	170	Excavation and refiling in soil and soft rock. Removal of excess soil/ debris at designated place up to a lead of max. 500 mtrs.	MTQ	400				
8	180	Cutting of roads/ floor/ drains/ hard rock etc. and remaking the same as original.	MTQ	400				
8	190	Preparation of cable treanch bottom in already excavated trench and preparation of river sand bed of above excavated trench cable (supply of sand is in contractor's scope)	MTQ	300				
8	200	Installation/ Laying of bricks cover after laying of cable and sand filling in cable trench as per instruction of EIC. (Supply of bricks are in the contractor's scope)	MTQ	200				



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		Supply and laying of GI pipe "B" class of following sizes in already excavated trench/ above ground.						
8	210	100mm	MTR	50				
8	220	50mm	MTR	50				
		Laying of LT/HT armoured PVC XLPE insulated cable of following external overall diameter on cable trays/ in open trench/ cable racks/ in Hume pipes/ GI pipe/ in excavated underground cable trench/ on wall/ MS structure including clamping fabrication of clamps, dressing / fixing with clamps/ cleats/ welding of saddles etc. tagging of cable as directed by EIC.						
8	230	Upto and including 30 mm of diameter	MTR	200				
8	240	above 30mm upto & including 50mm diamtr	MTR	200				
8	250	above 50 mm upto & including 100mm diamt	MTR	300				
8	260	above 100 mm upto & including 100mm diamt	MTR	200				
		Note : The work under item no10 includes Transportation of cable drums from GAIL storage (upto 500 mtrs),Cutting of cable to required length after measurement,Testing of cable before and after laying.,Re-rolling of balance cable and shifting it back to GAIL store or any other site etc.						



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	270	Supply grouting and fixing of cable route markers along the cable route. It includes construction of concretes blocks(PCC) in ratio of 1:2:4 of size 300mmx300mmx300mm.The cable marker of total length 800mm made of MS angle iron of size 50x50x5.Excavation and then fixing of cable route marker block in paved/unpaved areas and making it good as required including supply and fixing of suitable plate lettering HT/LT cables in projected letters of size 40 mm and 2 mm thick as per the direction of EIC.Supply of all material shall be in the contractors scope.	EA	5				
		Removal of already layed LT/HT cables of following overall diameter from already excavated trenches /cable racks walls / MS structure open cable trench / GI trays etc. including removal of GI wire / earth strip rolling on cable drums, transportation of cables to store after measurement as direction of EIC						
8	280	upto & including 30 mm of diameter	MTR	250				
8	290	above 30 mm upto & including 50mm	MTR	250				
8	300	above 50 mm upto & including 100mm	MTR	200				
8	310	above 100mm upto & including 125mm	MTR	200				
		Making straight joints of PVC insulated aluminium conductor armoured cable of 1.1KV grade of following sizes including supply of jointing kit and other accessories. Make of kit shall be M-seal/raychem only.						
8	320	Cable having overall dia of upto and including 30 mm dia	EA	4				



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8	330	Above 30 mm upto & including 50mm diameter	EA	3				
8	340	above 50 mm upto & including 100mm diameter	EA	3				
8	350	More then 100mm diameter	EA	3				
		Erection of MS Pole of all length in cement concrete (of ratio of 1:2:4) , including foundation, excavation, refilling as required,supplying & ,laying GI Pipe for Cable entry, laying and connecting of earth strip/ GI wire from the nearest earthing point . Only pole, GI earth strip/ & GI wire shall be supplied by GAIL .cement concrete ,sand and all other accessories will be in contractor's scope of supply .Transportation of Pole from GAIL Complex within 500 meter distance shall be in the scope of the contractor.						
8	360	Upto 6m length of pole (Foudation Size- 0.6(W) X .06(B)x 1.25(H))	EA	2				
8	370	Above 6m & upto 12m length of pole (Foundation Size - 0.75(w) x 0.75(B) x 1.65(H)	EA	2				
		Testing /Repairing of earthing system						
8	380	Checking and testing of earth pit resistance including cleaning of the pit and all connections, tightening and applying petroleum jelly . Earth tester shall be supplied by GAIL.	EA	200				
8	390	Supply of Common Salt	KGM	500				



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	400	Treatments to earth pit by putting salt by putting salt solution of common salt and pouring water in the earth pit as directed by EIC.Taking of pit resistance readings including cleaning of the pit and all connections, tightening and applying petroleum jelly subsequent to above treatment shall be carried out by the contractor,Salt & earth tester shall be supplied by GAIL.	EA	250				
8	410	Reparing of earth pit chamber including the cost of brick work/PCC(1:3:6) and labour to complete the job. MS cover to be paid separately	EA	30				
8	420	Supply, Installation, Testing & commissioning of earth pit with B class GI Earth electrode of 65 mm dia., complete including excavation, backfilling, making of earth pit as per IS:3043 including supply of required material. Chamber shall be provided with the MS cover , as per the direction of the EIC.	EA	6				
8	430	Regeneration of existing earth pit Job includes (a) digging of existing earth pit (b) checking of earthing (c) supply of salt as per standard (d) supply of charcoal as per standard (e) refitting of the earth pit (f) making of chamber for earthing (g) supply of GI pipe of 65mm dia 3.5mtrs length (h) supply & fixing of GI Strip, 40mm x 6mm upto 5 mtrs	EA	10				
8		Painting/ writing nos. and letters of following sizes on ceiling fans / pannels/ distribution boards / poles etc. as required .Paint, brush, stencil etc. shall be supplied by the contractor. Paint shall be approved by EIC prior to its use.						
8	440	Size upto and including 25mm	EA	3000				



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	450	Size above 25 mm upto 50mm	EA	2000				
8	460	Size above 50mm upto 100mm	EA	2000				
		Painting of lighting poles & other electrical equipments with berger Salimer /Asian make paints in the shade to be decided by the EIC , job shall be done to the satisfaction of the EIC & it includes supply of all materials & consumables required for the job .						
8	470	Preparation of the surface to be painted with the help of wire brush or emery paper including removal of paints & rust to the satisfaction of EIC.	MTK	500				
8	480	Supply and Application of one coat of zinc phosphate primer .	MTK	400				
8	490	Supply and application of one coat of approved quality synthetic enamel paint .	MTK	400				
8	500	Supply and Application of two coat of approved quality synthetic enamel paint .	MTK	300				
8	510	Supply and Application of one coat of approved quality alluminium paint. .	MTK	250				
8	520	Supply and Application of two coats of approved quality alluminium paints .	MTK	250				
8	530	Supply & Fixing of all type of neoprene rubber gasket	MTR	250				



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		Lightning/power pannel:-supply, installation, Termination, testing and commisioning of AC lighting/Power pannels, surface/flush mounting type in dust tight (with hinged cover) sheet steel encloser having 4 pole ELCB (30 ma sensitivity) as incoming and single pole miniature circuit breaker (MCB 6KA) for circuit control, excluding cable glands but complete wiring, all labour, materials as per approved drawings, secification of this tender & directions of EIC.Mke-Hawells						
8	540	ELCB, 63A,4pole, Havells	EA	5				
8	550	RCCB, 100A,4pole,Havells	EA	5				
8	560	MCB, 63A, 4pole, Havells	EA	6				
8	570	Isolator, 100A, 4pole	EA	8				
8	580	MCB 16A, DP, Indokopp	EA	10				
8	590	RCCB, 32A,2pole,Havells	EA	8				
8		Fabrication/ Erection of steel structure/plates etc.						
8	600	Structural Febrication with MS channel MS Joist, MS Plates including materials, labour & one coat of primer as per drawing & Direction of EIC.	EA	80				
8	610	Fabbrication & fixing of different sizes of GI sheet covers from GI Sheet & MS supptring frame(The rate of MS frame shall be as per item no 22(i)).	EA	100				



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		Supply. installation and connection of following GI earthing strip/wire/ rope/plate along the cable trenches and cable trays or fixing to walls or structures or buried individually in paved /unpaved areas including welding of joints, providing anti corrosive paint or bitumen and jute covering for welded portion, clamping and necessary hardware for connecting, including all labour and materials complete as per direction of EIC.						
8	620	25X3 mm GI strip	MTR	80				
8	630	40X3 mm GI strip	MTR	80				
8	640	50X6 mm GI Strip	MTR	50				
8	650	3/8" (10mm) flexible GI rope	MTR	40				
8	660	5/8"(16mm) flexible GI Rope	MTR	40				
8	670	16SWG GI wire	MTR	40				
8	680	8 SWG wire	MTR	25				
		Supply and Fixing of continuity jumpers across the pipe flanges made of tinned copper strip lug & copper wire rope size 3/8"(10mm) of following size.:						
8	690	20 mmlug hole (ID) & 200mm rope length	EA	75				
8	700	24 mm lug hole (ID) & 200 rope length	EA	75				
8	710	30mm lug hole (ID) & 300mm rope length	EA	40				



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	720	2 mm lug hole (ID) & 400mm rope length	EA	70				
8	730	48mm lug hole (ID) & 400 mm rope length	EA	20				
		R&M OF MISE. ELECT. EQUP & LIGHT						
		Supply & replacement of following items for ceiling fan upto 1400 mm sweep						
8	740	Bearing(ZZ),make: SKF/FAG	EA	15				
8	750	Blades(Set of 03nos)	EA	20				
8	760	Supply of fan shaft	EA	5				
8	770	Plastic holder with connector for capacitor	EA	15				
		Supply & replacement of following items for exhaust fan of size 12"						
8	780	Shaft	EA	4				
8	790	Blades(Set of 03nos)	EA	8				
8	800	Bearing(ZZ),make: SKF/FAG	EA	10				
8	810	Bushing	EA	8				
8	820	Supply and laying of 3CX 2.5 Sq. mm flexible power cable	M	200				
		Supply, replacement & Installation of following lighting spares. Items shall be approved by EIC prior to its fixing / replacing.						



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					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	830	40 W Fluorecent lamp for light fitting Make & model -Phillips TCS- 2X40W	EA	400				
8	840	40 Watt Copper Chock suitable for light fitting Make & model -Phillips TCS-2X40W	EA	150				
8	850	Tube light starter for 40W Fluorescent lamp fitting Make-Phillips /Crompton Greaves /Bajaj	EA	200				
8	860	40 Watt Electronic chock suitable for lighting fitting, Make & model - Philips Magnum.	EA	150				
8	870	20 watt tube light rod make, Philips/ Bajaj/ CGL	EA	150				
8	880	Ballast for 20 watt tube light rod make Philips/Bajaj/CGL	EA	50				
8	890	Starter holder for 20/40 watt tube light make Philips/Bajaj/CGL	EA	50				
8	900	Tube light holder for 20/40 watt tube	EA	50				
8	910	Supply of tube light stster holder 20/40 W	EA	50				
8	920	MCB,SP,6A/10A , make Havells/MDS/Indokup	EA	25				
8	930	MCB,SP,16A/20A/25A make Havells/MDS Indokupp	EA	15				
8	940	14 Watts CLF suitable for Bracket Lamp 14 Watt CFL Fittings Make & model- Phillips/Bajaj/CGL	EA	75				
8	950	Adaptor (CFL Lamp holder) suitable for 14 Watt CFL r Bracket Lamp Make & model- Phillips/Bajaj/CGL	EA	15				
8	960	9 Watt PLS suitable for Celling lamp Make & model -- Pilips FCS-31/209 ,2xPL-S 9 W	EA	100				



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8	970	15 Watt Ecotone Crystal/Decor CFL suitable for wall mounted lamp Make & model -- Philips FI 800/320	EA	70				
8	980	250 WATT hpi-t (modle hallide) lamp suitable for use in Make and model-Philips MPF 111	EA	12				
8	990	160 Watt Mercury Blended lamp	EA	28				
8	1000	7 Watt lamp for 1X7 watt fitting(Innova) Make and model-Hawell's CCFL3K	EA	18				
8	1010	Ballast for 1X7 watt fitting (Innova) Make and model-Hawell's CCFL3K	EA	25				
8	1020	Lamp for 2X9 watt fitting Make & model-Hawell's CFL PLS	EA	25				
8	1030	Lamp for 1X18 watt PLS bollard fitting Make & model -Philips FCG 202	EA	35				
8	1040	Ballast for 1X18watt PLS bollard fitting Make & model -Philips FCG 202	EA	18				
8	1050	250Watt HPSV lamp make- Philips/Bajaj	EA	22				
8	1060	Ballast for 250 watt lamp	EA	15				
8	1070	16 Amp one way switch for power point & Geyser Make & model - MK, W26405BA Make & model -Crabtree/Anchor,	EA	25				
8	1080	6 Amp,one way switch for light & fan Make & model - MK, W26401A Make & model - Crabtree/Anchor	EA	30				



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8	1090	16 Amp, 6 pin socket for power point & Geyser Make & model - MK, W26424 Make & model - Crabtree/Anchor,	EA	20				
8	1100	6 Amp, 5 pin socket make & model-- - MK, W26424 Make & model -Crabtree/Anchor,	EA	25				
8	1110	Capacitor 2/2.5 MFD, 440 volts suitable for Ceiling fan/Exhaust fan	EA	25				
8	1120	Electrical call bell suitable for make & model-- MK,w26235	EA	15				
8	1130	Electronic fan regulator suitable for make & model- MK, w26472	EA	25				
8	1140	Call bell switch make-MK	EA	8				
8	1150	3 Pin 16/6 Amps male top make Anchor.....Etc	EA	15				
		Supplying and fixing of Heating element for Geyser						
8	1160	Heating element for Geyser Make & model - Bajaj/Ramson/Ariston/Usha Sri Ram/Racold Eterno,1 to15 Ltr,230 V, 1,2,3, KW	EA	15				
		Supply and fixing of Thermostat for Geyser						
8	1170	Make & modle-Bajaj/Ramson Ariston/ Usha Sri Ram/ Racold Eteron, 1 to 15 Ltr, 230 V 1,2,3 KV	EA	15				
		Supply, installation & repairing of Street light & boundary lights.Items shall be approved by EIC prior to its fixing / replacing.						
8	1180	Ballast for Sodium vapour lamps Make & model - Philips,SRP 601 /150	EA	15				



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8	1190	Sodium lamp for Make & model - 1x SON/SON-T 150W	EA	20				
8	1200	Ballast for 250 watt mercury vapour lamp make and model Bajaj BJMSD	EA	18				
8	1210	Mercury Lamp (250 watt) Make:- Bajaj/ Philips	EA	25				
8	1220	500 watt Halogen Lamp	EA	25				
8	1230	1000 watt Halogen lamp	EA	25				
8	1240	Ignitors for 150/250 watt HPSV Lamps	EA	50				
8	1250	20 μ fd ,440 volt for 150 watt HPSV Lamps	EA	15				
8	1260	33 μ fd ,440 volt for 250 watt HPSV Lamps	EA	18				
8	1270	GLS Lamp 250 Volt, 40, 60,& 100 Watt	EA	50				
8	1280	15 μ fd ,440 volt for 250 watt HPMV Lamps	EA	20				
8	1290	CFL screw type 45W warm type	EA	16				
8	1300	4 μ fd capacitor,230 volt for Exhaust fan	EA	15				
8	1310	Holder for 250 watt HPMV/HPSV lamps (screw/ pin type)	EA	18				



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		Rewinding of 1 Phase AC motors including supply of all required material . The insulation class of the material used for rewinding shall be as per the original design of the motor .All themotors rewond / repaired by the contractor shall be tested on no load & load at GAIL's colony power house for its satisfactory performance & all such motors shall be warranted for a period of six months from the date of its reinstalltion Transportation of burnt motor from colony to Motor rewinding shop shall be in contractor's scope . Transportation of burnt motor from GAIL colony to Motor rewinding shop shall be in contractor's scope .						
8	1320	Rewinding of burnt Ceiling fan motor	EA	10				
8	1330	Rewinding of buarnt exhaust fan motor	EA	10				
		Supply ,Installation, Testing termination and commisioning of following lighting fixures including separately mounted control gear box on wall RCC roof/ Steel structure including necessary fabrication of MS/GI supports, down rod. Supply of wire shall be in GAIL's scope and all other material such as glands shall be undes contractors's scope..						
8	1340	1X18 watt T-5 fluorecsent tube light light fitting ,(Make-Philips/Bajaj)	EA	20				
8	1350	1X36 watt T-5 fluorecsent tube light fitting ,box type (Make-Philips/Bajaj)	EA	15				
8	1360	2X36 watt T-5 fluorecsent tube light fitting ,box type (Make-Philips/Bajaj)	EA	10				
8	1370	250 watt HPMV street light fittin fitting Make-Bajaj Model-BJMSD with control gear.	EA	3				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	1380	250 Watt floodlight fitting (Including control gear)suitable for 250 watt HPSV lamp ,Make-Bajaj model-BJEF 21 S or equivalent of Philips/CGL make	EA	2				
8	1390	250 Watt floodlight control gear Box (including Choke/Capacitor/Ignitor, Connector etc.) suitable for 250 watt HPSV/MV lamp ,Make-Bajaj model-BJEF 21 S or equivalent of Philips/CGL make	EA	2				
8	1400	500 watt,halogen fittings make-Bajaj/Plilips/CGL	EA	8				
8	1410	1000 watt,halogen fittings make-Bajaj/Plilips/CGL	EA	10				
8	1420	Screw type lamp holder 70/80W , HPSV	EA	12				
8	1430	Earthing cable 6 Sqmm (green)	EA	150				
8	1440	Copper wire without insulation 6 Sqmm	EA	50				
8	1450	Helogen lamp holder 500/1000W	EA	12				
8	1460	HPSV 150 W Ballast	EA	12				
8	1470	16A plug Top, Anchor	EA	18				
8	1480	Switch 5A , Anchor	EA	100				
8	1490	5A socket, Anchor	EA	25				
8	1500	Switch 15A, anchor	EA	10				
8	1510	HPSV 70 W bulb	EA	40				
8	1520	Cleaning of Rubber mats	EA	600				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	1530	Markin Cloth	MTR	400				
	(A) Total Amount inclusive of all taxes and duties in FIGURE [Exclusive of Service Tax]:							
	Total Amount inclusive of all taxes and duties [Exclusive of Service Tax] (In Words):							



Note :

1. All SOR item needs to be quoted by vendor.
2. Rates should be quoted including all taxes & duties (including WCT if any as per applicable rules) except Service tax. Service tax & Swachh Bharat Cess (if any) shall paid extra at actual as per prevalent govt. rules ON SUBMISSION OF PROPER CENVATABLE INVOICE wherever applicable. Presently, the applicability of Service Tax, ED Cess & Swachh Bharat Cess [@15%] for the subject tendered job is 70% [70% of ST @15% = 10.5%] of Total Service Amount [(A)] as shown above.
3. Quantities shown in the SOR is tentative which may increase or decrease.

Date:

Name of authorized person submitting the tender on behalf of the Bidder :

Designation of authorized person:

Name of firm/ Contractor:

Address of firm/ Contractor:

Date:



SCHEDULE OF RATES (PRICED PART)

BID DOCUMENT No.: BCPL/C&P/LA16W128AD/00014

Date: 12.08.2016



(SOR FOR SERVICES)

Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		ITEM (Part-1A) OPERATION OF GEG ROUND THE CLOCK BASIS						
1	10	OPERATION OF GEG WORKS (Part-1A) Operation and maintenance of electrical system of GEG/DEG Sets & associatyed systems at BCPL C2 recovery plant Lakwa,as per the terms and conditions & scpoe of work laid down in the SCC part of tender document.The job shall be executed on round the clock basis by total services shall be utilized 4 high skill, 4 skill and 4 semi skill .The job shall include attending electrical maint works,opearation of GEG/DEG Sets, Electrical panels, street lights etc..Supply of spares in this part shall be under scope of BCPL.	EA	12				
		ITEM (Part-2A) PLANT R&M OF LT SW GR.TR.MCC,ACB ,ETC AGAINST MAINT SERVICE						
2	120	PLANT R&M OF LT SW GR.TR.MCC,ACB ,ETC AGAINST MAINT SERVICE (Part-2A) Lump sum charges to carry out electrical repair and maintenance of light fittings ,HT/LT switch boards, cleaning of all ceiling fans, lighting boards, panels and any similar job as per instruction of EIC , in different parts of the plant,as per the terms and conditions & scpoe of work laid down in the SCC part of tender document. Contractor shall have to carry out above jobs simulatnously at 4 different locations. have to carry out above jobs simulatnously at 4 different locations. Total services shall be utilized 4 high skill,3 skill,1 semiskill ,and 1 unskill under the supervision of a qualified supervisor	EA	12				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		deputed by the contractor. .Supply of spares shall be under scope of BCPL.						
		ITEM (Part-3A) R&M OF INSTRUMENTATION WORKS						
3	10	R&M OF INSTRUMENTATION WORKS (Part-3A) Lump sum charges for instrumentation repair and maintenance jobs involving field & panel instrument checking ,calibration of control valve etc. as per the terms and conditions & scpoe of work laid down in the SCC part of tender documen.Supply of Spares shall be under scope of BCPL.Total services shall be utilized 1 highskill, 1 skill, 1 un skill deputed by the contractor..	EA	12				
		ITEM (Part-4A) R&M OF INSTRUMENTATION ROUND THE CLOCK BASIS						
4	10	R&M OF INSTRUMENTATION WORKS (Part-4A) Operation and maintenance of instrument system of c2 recovery plant lakwa as per the term and condition & scop of work laid down in the scc part of tender document.the job shall be executed on round the clock basis and job shall include attending instrument maint.work at unit,geg&gdt. Lump sum charges for instrumentation repair and maintenance jobs involving field & panel instrument checking ,calibration of control valve etc. as per the terms and conditions & scpoe of work laid down in the SCC part of tender documen.Supply of Spares	EA	12				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		shall be under scope of GAIL. .Total services shall be utilized 4 skill, 4 semi skill .deputed by the contractor.						
		ITEM (Part-5A) SIV TOWNSHIP R&M of LT, HT						
5	10	Lump sum charges to carry out electrical repair and maintenance of LT switch gears transformers MCC, ACBs in the Sub-station, Electricals equipments, lighting circuits, feeders, ceiling fans exhaust fans in the quaters and any other similar works as per instruction of EIC and as per the terms and condition and scope of work laid down in the SCC part of tender documen..Supply of spares shall be under scope of BCPL total services shall be utilized 1high skill. Deputed by the contractor.	EA	12				
		ITEM(Part -6A) ROUND THE CLOCK OPERATION OF DG SET AT BCPL TOWNSHIP SIVASAGAR						
6	10	ROUND THE CLOCK OPERATION OF DG SET GAIL TOWNSHIP WORKS (Part-6A) Operation and maintenance of electrical system at BCPL township Sivasagar as per the item and conditions & scpoe of work laid down in the SCC part of tender document. The job shall be executed on round the clock basis .The job shall include attending electrical maint. works, opearation of DEG Sets LT panel street lights A/cs as per requirement in order to maintain unintrupted power supply to the residence in the township. Supply of fuel oil (diesel)	EA	12				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		shall be under scope of BCPL. Total services shall be utilized 1high skill,1 skill and 6 simiskill .deputed by the contractor.						
(SOR for Emergency SERVICE)								
		ITEM (Part-7A) SERVICES FOR CARRING OUT S/d, EMERGENCY/CONTIGENT NATURE JOB						
7	10	HIGHLY SKILL ELECTRICAL SERVICE ITEM	EA	100				
		HIGHLY SKILL ELECTRICAL SERVICE:- Providing service for carrying out any unforessen/contingent nature job not covered under above item. This will be purely on call basis as and when required.						
7	20	SKILL ELECTRICAL SERVICES:	EA	150				
		SKILL ELECTRICAL SERVICES:- Providing manpower services for carrying out any unforeseen/ contingent nature job not covered under above items. This will be purely on call basis as and when required.						
7	30	SEMI SKILL ELECTRICAL SERVICES	EA	150				
		SEMI SKILL ELECTRICAL SERVICES:- Providing manpower services for carrying out any unforeseen/ contingent nature job not covered under above items. This will be purely on call basis as and when required.						
7	40	UNSKILL ELECTRICAL SERVICES:	EA	150				
		UNSKILL ELECTRICAL SERVICES:- Providing manpower services for carrying out any unforeseen/						



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		contingent nature job not covered under above items. This will be purely on call basis as and when required.						
(SOR FOR ELECTRICAL SPARES/SERVICES)								
		R&M AT LAKWA PLANT/GDT/TOWNSHIP						
		Supply, Installation, testing & Commissioning of following normal / heavy duty industrial types of exhaust fan including fabrication of supports & all associated civil work like making of cutout on the wall, plastering etc. Item includes connections of fan with 3x2.5mm ² , flexible cable up to 2 mtr. length. all the material required shall be in the contractor scope of supply. Fan shall be of Bajaj, Crompton, GEC, Havells make.						
8	10	300 mm, dia, 1ph, 4-pole wall mounting with louvers	EA	6				
8	20	450 mm dia 1 ph, 4-pole wall mounting with louvers	EA	6				
8	30	450 mm dia 1 ph, 4-pole wall mounting with louvers	EA	5				
8	40	380 mm 1400 RPM 180W 1Ph, heavy duty exhaust fan	EA	6				
		Supply & Fixing of						
		PVC conduit on walls/wooden panel etc. conduit shall be fixed using PVC rawl plugs and wooden screws saddles at regular intervals of appropriate size, ceiling rose, PVC JB's etc. material shall be fully approved by EIC.						
8	50	1.5" flat PVC casing and capping conduit	M	150				
8	60	1.5" dia PVC pipe conduit, saddles at regular intervals.	M	150				
		Supply and fixing of PVC						



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		Insulated copper wire of following sizes in PVC conduits, connection at both ends including its necessary terminations.						
8	70	1x1.5 sq. mm	M	600				
8	80	1x4 Sq mm	M	400				
8	90	1x2.5 sq.mm	M	400				
8	100	3x2.5 Sq mm Cable	M	600				
		Supply and fixing of PVC boards of following sizes with the acesories mentioned against each duly fixed on the board including wiring with 4 sq. mm. Copper cable and including all necessary terminations. Material shall be duly approved by the EIC						
8	110	PVC board of size 6" x 8" with 2 no. of 6 AMP sw-Socket.& 1 no ,16 Amps sw-socket (The sockets should be 5 pin type,Make-Anchor)	EA	8				
8	120	PVC board of size 4"x7" with 2 no.of 6 AMP sw-Socket s(The sockets should be 5 pin type,Make-Anchor)	EA	8				
8	130	PVC board of size 4"x4" with 1 no. of 6 AMP sw-Socket. (The sockets should be 5 pin type,Make-Anchor)	EA	8				
8	140	PVC board of size 4"x7" with 1 no. of 16 AMP sw-Socket (The sockets should be 5 pin type,Make-Anchor)	EA	8				
8	150	PVC board of size 6"x8" with 3 nos.of 6 AMP sw -Sockets (The sockets should be 5 pin type,Make-Anchor)	EA	4				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	160	PVC board of size 6"x8" with 3 nos.of 6 AMP sw - Sockets (The sockets should be 5 pin type, Make-Anchor)	EA	4				
		Excavation and refilling						
8	170	Excavation and refiling in soil and soft rock. Removal of excess soil/ debris at designated place up to a lead of max. 500 mtrs.	MTQ	400				
8	180	Cutting of roads/ floor/ drains/ hard rock etc. and remaking the same as original.	MTQ	400				
8	190	Preparation of cable trench bottom in already excavated trench and preparation of river sand bed of above excavated trench cable (supply of sand is in contractor's scope)	MTQ	300				
8	200	Installation/ Laying of bricks cover after laying of cable and sand filling in cable trench as per instruction of EIC. (Supply of bricks are in the contractor's scope)	MTQ	200				
		Supply and laying of GI pipe "B" class of following sizes in already excavated trench/ above ground.						
8	210	100mm	MTR	50				
8	220	50mm	MTR	50				
		Laying of LT/HT armoured PVC XLPE insulated cable of following external overall diameter on cable trays/ in open trench/ cable racks/ in Hume pipes/ GI pipe/ in excavated underground cable trench/ on wall/ MS structure including clamping fabrication of clamps, dressing / fixing with clamps/ cleats/ welding of saddles etc. tagging of cable as directed by EIC.						



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	230	Upto and including 30 mm of diameter	MTR	200				
8	240	above 30mm upto & including 50mm diamtr	MTR	200				
8	250	above 50 mm upto & including 100mm diamt	MTR	300				
8	260	above 100 mm upto & including 100mm diamt	MTR	200				
		Note : The work under item no10 includes Transportation of cable drums from GAIL storage (upto 500 mtrs),Cutting of cable to required length after measurement,Testing of cable before and after laying.,Re-rolling of balance cable and shifting it back to GAIL store or any other site etc.						
8	270	Supply grouting and fixing of cable route markers along the cable route. It includes construction of concretes blocks(PCC) in ratio of 1:2:4 of size 300mmx300mmx300mm.The cable marker of total length 800mm made of MS angle iron of size 50x50x5.Excavation and then fixing of cable route marker block in paved/unpaved areas and making it good as required including supply and fixing of suitable plate lettering HT/LT cables in projected letters of size 40 mm and 2 mm thick as per the direction of EIC.Supply of all material shall be in the contractors scope.	EA	5				
		Removal of already layed LT/HT cables of following overall diameter from already excavated trenches /cable racks walls / MS structure open cable trench / GI trays etc. including removal of GI wire / earth strip rolling on cable drums, transportation of cables to store after measurement as direction of EIC						
8	280	upto & including 30 mm of diameter	MTR	250				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	290	above 30 mm upto & including 50mm	MTR	250				
8	300	above 50 mm upto & including 100mm	MTR	200				
8	310	above 100mm upto & including 125mm	MTR	200				
		Making straight joints of PVC insulated aluminium conductor armoured cable of 1.1KV grade of following sizes including supply of jointing kit and other accessories. Make of kit shall be M-seal/raychem only.						
8	320	Cable having overall dia of upto and including 30 mm dia	EA	4				
8	330	Above 30 mm upto & including 50mm diameter	EA	3				
8	340	above 50 mm upto & including 100mm diameter	EA	3				
8	350	More then 100mm diameter	EA	3				
		Erection of MS Pole of all length in cement concrete (of ratio of 1:2:4) , including foundation, excavation, refilling as required,suppplying & ,laying GI Pipe for Cable entry, laying and connecting of earth strip/ GI wire from the nearest earthing point . Only pole, GI earth strip/ & GI wire shall be supplied by GAIL .cement concrete ,sand and all other accessories will be in contractor's scope of supply .Transportation of Pole from GAIL Complex within 500 meter distance shall be in the scope of the contractor.						
8	360	Upto 6m length of pole (Foudation Size- 0.6(W) X .06(B)x 1.25(H))	EA	2				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	370	Above 6m & upto 12m length of pole (Foundation Size - 0.75(w) x 0.75(B) x 1.65(H)	EA	2				
		Testing /Repairing of earthing system						
8	380	Checking and testing of earth pit resistance including cleaning of the pit and all connections, tightening and applying petroleum jelly . Earth tester shall be supplied by GAIL.	EA	200				
8	390	Supply of Common Salt	KGM	500				
8	400	Treatments to earth pit by putting salt by putting salt solution of common salt and pouring water in the earth pit as directed by EIC.Taking of pit resistance readings including cleaning of the pit and all connections, tightening and applying petroleum jelly subsequent to above treatment shall be carried out by the contractor,Salt & earth tester shall be supplied by GAIL.	EA	250				
8	410	Reparing of earth pit chamber including the cost of brick work/PCC(1:3:6) and labour to complete the job. MS cover to be paid separately	EA	30				
8	420	Supply, Installation, Testing & commissioning of earth pit with B class GI Earth electrode of 65 mm dia., complete including excavation, backfilling, making of earth pit as per IS:3043 including supply of required material. Chamber shall be provided with the MS cover , as per the direction of the EIC.	EA	6				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	430	Regeneration of existing earth pit Job includes (a) digging of existing earth pit (b) checking of earthing (c) supply of salt as per standard (d) supply of charcoal as per standard (e) refitting of the earth pit (f) making of chamber for earthing (g) supply of GI pipe of 65mm dia 3.5mtrs length (h) supply & fixing of GI Strip, 40mm x 6mm upto 5 mtrs	EA	10				
8		Painting/ writing nos. and letters of following sizes on ceiling fans / pannels/ distribution boards / poles etc. as required .Paint, brush, stencil etc. shall be supplied by the contractor. Paint shall be approved by EIC prior to its use.						
8	440	Size upto and including 25mm	EA	3000				
8	450	Size above 25 mm upto 50mm	EA	2000				
8	460	Size above 50mm upto 100mm	EA	2000				
		Painting of lighting poles & other electrical equipments with berger Salimer /Asian make paints in the shade to be decided by the EIC , job shall be done to the satisfaction of the EIC & it includes supply of all materials & consumables required for the job .						
8	470	Preparation of the surface to be painted with the help of wire brush or emery paper including removal of paints & rust to the satisfaction of EIC.	MTK	500				
8	480	Supply and Application of one coat of zinc phosphate primer .	MTK	400				
8	490	Supply and application of one coat of approved quality synthetic enamel paint .	MTK	400				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	500	Supply and Application of two coat of approved quality synthetic enamel paint .	MTK	300				
8	510	Supply and Application of one coat of approved quality alluminium paint. .	MTK	250				
8	520	Supply and Application of two coats of approved quality alluminium paints .	MTK	250				
8	530	Supply & Fixing of all type of neoprene rubber gasket	MTR	250				
		Lightining/power pannal:-supply, installation, Termination, testing and commisioning of AC lighting/Power pannels, surface/flush mounting type in dust tight (with hinged cover) sheet steel encloser having 4 pole ELCB (30 ma sensitivity) as incoming and single pole miniature circuit breaker (MCB 6KA) for circuit control, excluding cable glands but complete wiring, all labour, materials as per approved drawings, secification of this tender & directions of EIC.Mke-Hawells						
8	540	ELCB, 63A,4pole, Havells	EA	5				
8	550	RCCB, 100A,4pole,Havells	EA	5				
8	560	MCB, 63A, 4pole, Havells	EA	6				
8	570	Isolator, 100A, 4pole	EA	8				
8	580	MCB 16A, DP, Indokopp	EA	10				
8	590	RCCB, 32A,2pole,Havells	EA	8				
8		Fabrication/ Erection of steel structure/plates etc.						



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	600	Structural Febrication with MS channel MS Joist, MS Plates including materials, labour & one coat of primer as per drawing & Direction of EIC.	EA	80				
8	610	Fabbrication & fixing of different sizes of GI sheet covers from GI Sheet & MS supprting frame(The rate of MS frame shall be as per item no 22(i)).	EA	100				
		Supply. installation and connection of following GI earthing strip/wire/ rope/plate along the cable trenches and cable trays or fixing to walls or structures or buried individually in paved /unpaved areas including welding of joints, providing anti corrosive paint or bitumen and jute covering for welded portion, clamping and necessary hardwares for connecting, including all labour and materials complete as per direction of EIC.						
8	620	25X3 mm GI strip	MTR	80				
8	630	40X3 mm GI strip	MTR	80				
8	640	50X6 mm GI Strip	MTR	50				
8	650	3/8" (10mm) flexible GI rope	MTR	40				
8	660	5/8"(16mm) flexible GI Rope	MTR	40				
8	670	16SWG GI wire	MTR	40				
8	680	8 SWG wire	MTR	25				
		Supply and Fixing of continuty jumpers across the pipe flanges made of tinned copper strip lug & copper wire rope size 3/8"(10mm) of following size.:						



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	690	20 mmlug hole (ID) & 200mm rope length	EA	75				
8	700	24 mm lug hole (ID) & 200 rope length	EA	75				
8	710	30mm lug hole (ID) & 300mm rope length	EA	40				
8	720	2 mm lug hole (ID) & 400mm rope length	EA	70				
8	730	48mm lug hole (ID) & 400 mm rope length	EA	20				
		R&M OF MISE. ELECT. EQUIP & LIGHT						
		Supply & replacement of following items for ceiling fan upto 1400 mm sweep						
8	740	Bearing(ZZ),make: SKF/FAG	EA	15				
8	750	Blades(Set of 03nos)	EA	20				
8	760	Supply of fan shaft	EA	5				
8	770	Plastic holder with connector for capacitor	EA	15				
		Supply & replacement of following items for exhaust fan of size 12"						
8	780	Shaft	EA	4				
8	790	Blades(Set of 03nos)	EA	8				
8	800	Bearing(ZZ),make: SKF/FAG	EA	10				
8	810	Bushing	EA	8				
8	820	Supply and laying of 3CX 2.5 Sq. mm flexible power cable	M	200				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		Supply, replacement & Installation of following lighting spares. Items shall be approved by EIC prior to its fixing / replacing.						
8	830	40 W Fluorecent lamp for light fitting Make & model -Phillips TCS- 2X40W	EA	400				
8	840	40 Watt Copper Chock suitable for light fitting Make & model -Phillips TCS-2X40W	EA	150				
8	850	Tube light starter for 40W Fluorescent lamp fitting Make-Phillips /Crompton Greaves /Bajaj	EA	200				
8	860	40 Watt Electronic chock suitable for lighting fitting, Make & model - Philips Magnum.	EA	150				
8	870	20 watt tube light rod make, Philips/ Bajaj/ CGL	EA	150				
8	880	Ballast for 20 watt tube light rod make Philips/Bajaj/CGL	EA	50				
8	890	Starter holder for 20/40 watt tube light make Philips/Bajaj/CGL	EA	50				
8	900	Tube light holder for 20/40 watt tube	EA	50				
8	910	Supply of tube light stster holder 20/40 W	EA	50				
8	920	MCB,SP,6A/10A , make Havells/MDS/Indokup	EA	25				
8	930	MCB,SP,16A/20A/25A make Havells/MDS Indokupp	EA	15				
8	940	14 Watts CLF suitable for Bracket Lamp 14 Watt CFL Fittings Make & model- Phillips/Bajaj/CGL	EA	75				
8	950	Adaptor (CFL Lamp holder) suitable for 14 Watt CFL r Bracket Lamp Make & model- Phillips/Bajaj/CGL	EA	15				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	960	9 Watt PLS suitable for Ceiling lamp Make & model -- Philips FCS-31/209 ,2xPL-S 9 W	EA	100				
8	970	15 Watt Ecotone Crystal/Decor CFL suitable for wall mounted lamp Make & model -- Philips FI 800/320	EA	70				
8	980	250 WATT hpi-t (modle hallide) lamp suitable for use in Make and model-Philips MPF 111	EA	12				
8	990	160 Watt Mercury Blended lamp	EA	28				
8	1000	7 Watt lamp for 1X7 watt fitting(Innova) Make and model-Hawell's CCFL3K	EA	18				
8	1010	Ballast for 1X7 watt fitting (Innova) Make and model-Hawell's CCFL3K	EA	25				
8	1020	Lamp for 2X9 watt fitting Make & model-Hawell's CFL PLS	EA	25				
8	1030	Lamp for 1X18 watt PLS bollard fitting Make & model -Philips FCG 202	EA	35				
8	1040	Ballast for 1X18watt PLS bollard fitting Make & model -Philips FCG 202	EA	18				
8	1050	250Watt HPSV lamp make- Philips/Bajaj	EA	22				
8	1060	Ballast for 250 watt lamp	EA	15				
8	1070	16 Amp one way switch for power point & Geyser Make & model - MK, W26405BA Make & model -Crabtree/Anchor,	EA	25				
8	1080	6 Amp,one way switch for light & fan Make & model - MK, W26401A Make & model - Crabtree/Anchor	EA	30				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	1090	16 Amp, 6 pin socket for power point & Geyser Make & model - MK, W26424 Make & model - Crabtree/Anchor,	EA	20				
8	1100	6 Amp, 5 pin socket make & model-- - MK, W26424 Make & model -Crabtree/Anchor,	EA	25				
8	1110	Capacitor 2/2.5 MFD, 440 volts suitable for Ceiling fan/Exhaust fan	EA	25				
8	1120	Electrical call bell suitable for make & model-- MK,w26235	EA	15				
8	1130	Electronic fan regulator suitable for make & model- MK, w26472	EA	25				
8	1140	Call bell switch make-MK	EA	8				
8	1150	3 Pin 16/6 Amps male top make Anchor.....Etc	EA	15				
		Supplying and fixing of Heating element for Geyser						
8	1160	Heating element for Geyser Make & model - Bajaj/Ramson/Ariston/Usha Sri Ram/Racold Eterno,1 to15 Ltr,230 V, 1,2,3, KW	EA	15				
		Supply and fixing of Thermostat for Geyser						
8	1170	Make & modle-Bajaj/Ramson Ariston/ Usha Sri Ram/ Racold Eteron, 1 to 15 Ltr, 230 V 1,2,3 KV	EA	15				
		Supply, installation & repairing of Street light & boundary lights.Items shall be approved by EIC prior to its fixing / replacing.						
8	1180	Ballast for Sodium vapour lamps Make & model - Philips,SRP 601 /150	EA	15				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	1190	Sodium lamp for Make & model - 1x SON/SON-T 150W	EA	20				
8	1200	Ballast for 250 watt mercury vapour lamp make and model Bajaj BJMSD	EA	18				
8	1210	Mercury Lamp (250 watt) Make:- Bajaj/ Philips	EA	25				
8	1220	500 watt Halogen Lamp	EA	25				
8	1230	1000 watt Halogen lamp	EA	25				
8	1240	Ignitors for 150/250 watt HPSV Lamps	EA	50				
8	1250	20 μ fd ,440 volt for 150 watt HPSV Lamps	EA	15				
8	1260	33 μ fd ,440 volt for 250 watt HPSV Lamps	EA	18				
8	1270	GLS Lamp 250 Volt, 40, 60,& 100 Watt	EA	50				
8	1280	15 μ fd ,440 volt for 250 watt HPMV Lamps	EA	20				
8	1290	CFL screw type 45W warm type	EA	16				
8	1300	4 μ fd capacitor,230 volt for Exhaust fan	EA	15				
8	1310	Holder for 250 watt HPMV/HPSV lamps (screw/ pin type)	EA	18				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		Rewinding of 1 Phase AC motors including supply of all required material . The insulation class of the material used for rewinding shall be as per the original design of the motor .All themotors rewond / repaired by the contractor shall be tested on no load & load at GAIL's colony power house for its satisfactory performance & all such motors shall be warranted for a period of six months from the date of its reinstalltion Transportation of burnt motor from colony to Motor rewinding shop shall be in contractor's scope . Transportation of burnt motor from GAIL colony to Motor rewinding shop shall be in contractor's scope .						
8	1320	Rewinding of burnt Ceiling fan motor	EA	10				
8	1330	Rewinding of buarnt exhaust fan motor	EA	10				
		Supply ,Installation, Testing termination and commisioning of following lighting fixtures including separately mounted control gear box on wall RCC roof/ Steel structure including necessary fabrication of MS/GI supports, down rod. Supply of wire shall be in GAIL's scope and all other material such as glands shall be undes contractors's scope..						
8	1340	1X18 watt T-5 fluorecsent tube light light fitting ,(Make-Philips/Bajaj)	EA	20				
8	1350	1X36 watt T-5 fluorecsent tube light fitting ,box type (Make-Philips/Bajaj)	EA	15				
8	1360	2X36 watt T-5 fluorecsent tube light fitting ,box type (Make-Philips/Bajaj)	EA	10				
8	1370	250 watt HPMV street light fittin fitting Make-Bajaj Model-BJMSD with control gear.	EA	3				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	1380	250 Watt floodlight fitting (Including control gear)suitable for 250 watt HPSV lamp ,Make-Bajaj model-BJEF 21 S or equivalent of Philips/CGL make	EA	2				
8	1390	250 Watt floodlight control gear Box (including Choke/Capacitor/Ignitor, Connector etc.) suitable for 250 watt HPSV/MV lamp ,Make-Bajaj model-BJEF 21 S or equivalent of Philips/CGL make	EA	2				
8	1400	500 watt,halogen fittings make-Bajaj/Plilips/CGL	EA	8				
8	1410	1000 watt,halogen fittings make-Bajaj/Plilips/CGL	EA	10				
8	1420	Screw type lamp holder 70/80W , HPSV	EA	12				
8	1430	Earthing cable 6 Sqmm (green)	EA	150				
8	1440	Copper wire without insulation 6 Sqmm	EA	50				
8	1450	Helogen lamp holder 500/1000W	EA	12				
8	1460	HPSV 150 W Ballast	EA	12				
8	1470	16A plug Top, Anchor	EA	18				
8	1480	Switch 5A , Anchor	EA	100				
8	1490	5A socket, Anchor	EA	25				
8	1500	Switch 15A, anchor	EA	10				
8	1510	HPSV 70 W bulb	EA	40				
8	1520	Cleaning of Rubber mats	EA	600				



Sl. No	Activity Line No.	Service Description	Unit	Qty	Unit Rate		Total Amount	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
8	1530	Markin Cloth	MTR	400				
(A)Total Amount inclusive of all taxes and duties in FIGURE [Exclusive of Service Tax]:								
Total Amount inclusive of all taxes and duties [Exclusive of Service Tax] (In Words):								



Note :

1. All SOR item needs to be quoted by vendor.
2. Rates should be quoted including all taxes & duties (including WCT if any as per applicable rules) except Service tax. Service tax & Swachh Bharat Cess (if any) shall paid extra at actual as per prevalent govt. rules ON SUBMISSION OF PROPER CENVATABLE INVOICE wherever applicable. Presently, the applicability of Service Tax, ED Cess & Swachh Bharat Cess [@15%] for the subject tendered job is 70% [70% of ST @15% = 10.5%] of Total Service Amount [(A)] as shown above.
3. Quantities shown in the SOR is tentative which may increase or decrease.

Date:

Name of authorized person submitting the tender on behalf of the Bidder :

Designation of authorized person:

Name of firm / Contractor:

Address of firm / Contractor:

Date: