



संदर्भ सं.:

भा.वि.प्रा./ इ.आर./ दरभंगा/डीजीएम अभि.(वि.)/ एसआईटीसी/जी एल एफ /2025-26/ WO-03
AAI/ER/DBR/DGM(E)/SITC/GLF/2025-26/WO-03

दिनांक : 14.10.2025

स्पीड पोस्ट द्वारा / By Speed Post/By Email

सेवा में

मेसर्स रिवाइंडर टेक्नो इलेक्ट्रिकल्स,
डी - 38, आचार्य निकेतन, मयूर विहार, फेज़-1,
पूर्वी दिल्ली, दिल्ली, 110091

To,

M/s REWINDER TECHNO ELECTRICALS
D - 38, Acharya Niketan, Mayur Vihar, Phase-1,
East Delhi, Delhi, 110091

E-Mail: rewindertchno@yahoo.co.in

विषय: एसआईटीसी ऑफ जी एल एफ सिस्टम वर्क्स एट दरभंगा एयरपोर्ट, दरभंगा।

Subject: SITC of GLF system works at Darbhanga Airport, Darbhanga.

Ref: i) Tender Id: 2025_AAI_240167_1 & Corrigendum – 1 and 2.

महोदय/Dear Sir(s),

1. उपरोक्त कार्य के लिए आपकी ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आप के द्वारा उद्धरित मद दर, जिसकी कुल राशि रु. 1,56,40,553.00 (रुपये एक करोड़ छप्पन लाख चालीस हजार पांच सौ तिरपन मात्र) जीएसटी को छोड़कर अन्य सभी करों सहित जो कि निविदा की अनुमानित लागत रु. 3,11,03,268.00 से 49.71% कम है, स्वीकृत की जाती है।

Your e-Tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at item rates quoted by you totaling to Rs. 1,56,40,553.00 (Rupees One Crore Fifty-Six Lakh Forty Thousand Five Hundred Fifty-Three Only) inclusive of all taxes excluding GST which is 49.71% below the Estimated cost put to tender of Rs. 3,11,03,268.00/-

2. **उप महाप्रबंधक (अभि-विद्युत),** भारतीय विमानपत्तन प्राधिकरण, दरभंगा हवाई अड्डा, दरभंगा इस कार्य के प्रभारी अभियंता होंगे। आपसे अनुरोध है कि आप / आपके द्वारा अधिकृत प्रतिनिधि संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने हेतु इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर **उप महाप्रबंधक (अभि-विद्युत),** भारतीय विमानपत्तन प्राधिकरण, दरभंगा हवाई अड्डा, दरभंगा - 846005 के कार्यालय में उपस्थित हों। संविदा करार रु 1000.00 (रु एक हजार मात्र) के गैर- न्यायिक (नॉन ज्युडिशियल) स्टाम्प पेपर (बिहार) पर निष्पादित किया जाएगा और स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी।



Dy. General Manager (Engg-E), AAI, Darbhanga Airport, Darbhanga, shall be the Engineer-in-Charge of the work. You are requested to attend / depute your authorized representative to the office of the **Dy. General Manager Engg. (E), AAI, Darbhanga Airport, Darbhanga - 846005** within 10 days from the date of issue of this letter to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper (Bihar) of value **Rs.1000.00** (Rupees One Thousand only) and the cost of stamp paper shall be borne by you.

3. कृपया इस पत्र के जारी होने के 10 दिन के भीतर सुरक्षा जमानत के लिए रु. **15,64,055.00** (रुपए पन्द्रह लाख चौंसठ हजार पचपन मात्र) की राशि किसी भी वाणिज्यिक बैंक (अर्थात भारतीय या विदेशी बैंक जो भारतीय रिजर्व बैंक अधिनियम, 1934 की दूसरी अनुसूची में शामिल हैं, सहकारी/क्षेत्रीय ग्रामीण बैंकों को छोड़कर) से बैंक गारंटी (पृष्ठ 153-154 पर संलग्न प्रारूप परिशिष्ट 1 के अनुसार) के रूप में जमा करवा दें, ऐसा नहीं करने पर उक्त रकम संविदा दस्तावेज के पृष्ठ संख्या 66 पर दी गई शर्त जी. सी. सी 1A के अनुसार आपके रनिंग बिल से काट ली जाएगी।

Please deposit an amount of **Rs. 15,64,055.00 (Rupees Fifteen Lakh Sixty-Four Thousand Fifty-Five Only)** in the form of Bank Guarantee (As per performa Appendix-I at page 153-154) from any Commercial Bank (i.e. Indian or Foreign Banks included in the Second Schedule of Reserve Bank of India Act, 1934 excluding Co-Operative /Regional Rural Banks) towards Security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted from your running bills as per condition of Clause No – 1A of GCC at Page No.-66 of the Contract document.

4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन एवं उन्मूलन) अधिनियम 1970 और अनुबंध श्रम (विनियमन एवं उन्मूलन) केन्द्रीय नियमावली 1971 बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिक (रोजगार और सेवा की शर्त का विनियमन) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकार अधिनियम 1996 जैसा कि निविदा के जीसीसी के पृष्ठ संख्या 105 पर जी.सी.सी धारा-19 में निर्दिष्ट है तथा केन्द्रीय और राज्य सरकारों के नियमों का अनुपालन करें।

You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation and Abolition) Central Rules-1971 Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers Welfare cess Act 1996 as specified in Clause-19 of GCC on Page No. 105 of Tender document and rules of Central and State Governments.

5. आपको निर्देश दिए जाते हैं प्रबंधक (अभि-विद्युत), भारतीय विमानपत्तन प्राधिकरण, दरभंगा हवाई अड्डा, दरभंगा - 846005 से तत्काल सम्पर्क करें जो कि आपको कार्यस्थल हस्तांतरण करने की व्यवस्था करेंगे।

You are also directed to contact the **Manager (Engg-E), AAI, Darbhanga Airport, Darbhanga** immediately, who will arrange to handover the site to you.



6. कृपया यह नोट कर लें कि कार्य पूरा करने के लिए 10 (दस) महीने (वर्षा के लिए 01 महीने सहित) का समय दिया गया है तथा समय की गणना इस पत्र के जारी होने की तिथि के 10वें दिन से की जाएगी।
Please note that the time allowed for carrying out the work shall be 10 (Ten) months (i/c 01 months considered for rain) for complete work and time shall be reckoned from 10th day after the date of issue of this letter.
7. कृपया ध्यान दें कि पूर्ण कार्य के लिए दोष दायित्व अवधि कार्य पूरा होने की प्रमाणित तिथि से 12 (बारह) महीने होगी।
Please note that the defect liability period for complete work shall be **12 (Twelve) Months** from the certified date of completion of the work.
8. संविदा के संबंध में आगे किया जाने वाला पत्राचार प्रभारी अभियंता को सम्बोधित किया जाएगा।
Any further correspondence in connection with this contract should be addressed to the Engineer – in – Charge.
9. कृपया इस पत्र की पावती भेजें तथा इसके साथ में संलग्न इस पत्र की दूसरी प्रति पर स्वीकारोक्ति के रूप में विधिवत हस्ताक्षर करके वापस भेजें।
Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to undersigned as a token of acceptance.
10. कृपया ध्यान दें कि यदि उपरोक्त हिंदी और अंग्रेजी संस्करण के प्रावधान में कोई अंतर / विसंगति या विरोधाभास है, तो अंग्रेजी संस्करण मान्य होगा।
Please note if there is any difference / discrepancy or contradiction in the provisions in above Hindi and English version, the English version shall prevail.

धन्यवाद / Thanking you,

संलग्नक / Enclosure: मदों की सूची / Schedule of Quantity (SOQ 1 to 5).

भवदीय /Yours Faithfully,

[Handwritten Signature]
14/10/25

उप महाप्रबंधक(अभि-विद्युत) / Dy. General Manager (Engg. -E)

दरभंगा हवाई अड्डा, दरभंगा / Darbhanga Airport, Darbhanga.

(कृते अध्यक्ष, भा.वि. प्रा. / On behalf of Chairman, AAI)



SCHEDULE OF QUANTITIES					
Name of Work: SITC of GLF system works at Darbhanga Airport					
Tender ID: 2025_AAI_240167_1					
Sl.No	Description of Work / Item(s)	Qty	Unit	Rate (In Rs.)	Amount (In Rs.)
1.00	SH-I A : Supply of GLF system & associated electrical works				
1.01	Supply of FAA/ICAO/DGCA-CAR Compliant Inset type LED Uni directional Stop Bar (RED) light fitting suitable for straight section/straight section (off set) / curved section for aviation visual aids requirements complete with shallow base and matching body of the fitting, inner body and outer cover made of die cast aluminium complete with LED lamp with integral driver and electronics suitable for 6.6 amps current with connected heat resistant accessories, prism assembly, optical assembly, "O" ring seal, pressure relief test plug, hardware, red prism / lenses and all standard accessories and ready for site installation complete as required as per specifications.	20	Each	40000.00	800000.00
1.02	Supply of FAA/ICAO/DGCA-CAR Compliant high intensity Elevated LED Runway guard light with two flashing light fixtures with black independent visors, 6.6A Current driven input power supply, LED lamps/module, flashing rates 45-50 Per Minute, frangible support, high strength base plate for runway guard light to resist wind speed (300 mph) gaskets, SS hardware etc as per specifications complete as required as per specifications.	5	Set	175000.00	875000.00
1.03	Supply of FAA/ICAO/DGCA-CAR Compliant elevated type Omni-directional Blue colour, medium intensity LED type Taxiway Edge Light fitting suitable for Taxiway, Apron Edge Lights, Turning Pad Lights suitable for operation at 6.6 Amps, series circuit supply, complete with Omni-directional, Lens clamping mechanism, breakable coupling, gasket, two pin secondary leads, base plate with SS Hardware and other accessories including integrated encapsulated electronic module complete as required as per specifications.	144	Each	4000.00	576000.00
1.04	Supply of FAA/ICAO/DGCA-CAR Compliant LED type inset omnidirectional Blue colour light fitting for aviation visual aid at taxiway edge, apron edge, turning pad lights complete with LED and integral driver and electronics suitable for 6.6 Amps, lenses / prism, filters, lens protection ring, shallow base, matching body, single plug, inner & outer cover, two pin secondary leads complete with other accessories, ready for site installation on existing housing boxes etc. In conformity with ICAO/DGCA-CAR, complete as required as per specifications. complete as required as per specifications.	9	Each	40000.00	360000.00
1.05	Supply of 2C x 2.5 sqmm secondary lead made out of multi stranded copper conductor EPR insulated & PCP sheathed, anti-termite & anti rodent treated 600 V grade AGL cable as specified in particular complete as required as per specifications.	1000	Mtr	200.00	200000.00
1.06	Supply of 1C x 6 sq.mm, 5 KV grade, AFL cable, stranded copper conductor, XLPE insulated PE sheathed, anti-termite & anti rodent treated Airfield Ground Lighting series cable generally conforming to IS 7098 as ammended up to date in conformity with ICAO/DGCA-CAR, complete as required as per specifications.	14800	Mtr	160.00	2368000.00
1.07	Supply of 6 sqmm, 5 KV grade plug and receptacle of type I, class 'B' connector suitable for field attachment with 5 KV grade XLPE insulated, PE sheathed, copper conductor cable in conformity with ICAO/DGCA-CAR, complete as required as per specifications.	191	Set	600.00	114600.00
1.08	Supply 2 pin plug and receptacles suitable for 2 x 2.5 Sq mm copper conductor secondary lead in conformity with ICAO/DGCA-CAR, complete as required as per specifications.	191	Set	700.00	133700.00
1.09	Supply of Indoor type air cooled constant current regulator of micro processor controlled, thyristor type suitable for remote as well as local control operations on input voltage 230/415 volts, 50Hz AC supply with 6.6A output having 5 steps brightness control with variation of current output and able to communicate with PC or PLC controlled system, with suitable rating Microprocessor based release (Ics = Icu = 25kA) incomer 3 Pole 63 Amp. MCCB, digital output ammeter (0-10A), overcurrent, overvoltage, open circuit and earth fault protection and digital earth leakage meter, two stage earth leakage detector, positive back indication equipments, LED/LCD display, suitable for connection and communication with ALCMS for operation of LED type AGL Circuits etc complete as required confirming to technical specifications for the following rating. a) 4 KVA	9	Each	175000.00	1575000.00



1.10	Design, Supply, Assembling, installation, testing and commissioning of Airfield Lighting Control and Monitoring System (ALCMS) with hardware and software i/c incorporating the control & operation of microprocessor type CCRs. The system involves single Touch-Screen LCD/ LED type along with computer with all associated accessories at the ATC for remote control and operation of associated Airfield lighting system & Single PC with all associated accessories for monitoring at Powerhouse. This item include complete hardware and software, interconnecting cables (OFC Control), switches, terminations, splicing etc. as required and capable of 5 step indication of CCRs, indication of fixed circuits, mimic display of systems in operation confirming to the specifications enclosed and complying the latest DGCA-CAR / ICAO requirement. The system shall be suitable for controlling 10 Nos. CCR's (CCR Circuits), 2 Nos. Motorized Sliding Gate & 04 Nos. Boom Barriers (Fixed Circuits) and as per attached Technical Specifications. There shall be single network adapter in the ATC and single network adapter in the power house & both connected via OFC Cable. This item also includes to provide all hardware, software, licences, OFC / CAT-VI / control / Power cabling interconnection, End terminations, vault processor, associated furniture/rack for installation of accessories as per requirement of site etc. as required (excluding supply & laying of OFC/Power Cable/Control Cable required to connect ALCMS from CCR hall to ATC & field devices), 1 no. colour laser printer suitable for A3 print including providing training, documentation as per specifications up to satisfaction of Engg. In Charge etc. complete as required.	1	Job	1000000.00	1000000.00
1.11	Supply of 15 Watt, 6.6/6.6 Amp rating completely enclosed rubber covered isolating transformer for use of 6.6 amps series airport lighting circuits having nominal voltage rating of 5KV rated for operation on 50 Hz. The transformer shall be water tight and shall be designed for direct burial in the earth or installation in a Housing Box in conformity with ICAO/DGCA-CAR, complete as required as per specifications.	173	Each	3000.00	519000.00
1.12	Supply of 45 Watt, 6.6/6.6 Amp rating completely enclosed rubber covered isolating transformer for use of 6.6 amps series airport lighting circuits having nominal voltage rating of 5KV rated for operation on 50 Hz. The transformer shall be water tight and shall be designed for direct burial in the earth or installation in a Housing Box in conformity with ICAO/DGCA-CAR, complete as required as per specifications.	18	Each	3500.00	63000.00
1.13	Supply of 16 Sq.mm PVC insulated copper conductor single core un-armoured flexible cable of 1.1 KV grade confirming to IS 694 for earth connection	100	Mtr	250.00	25000.00
1.14	Supply of LED Guidance signage board of various sizes made out of 2 mm thick anodized aluminium frame with suitable angle support, 1.5 mm thick aluminium back symbols of sign should be screen printed on inside of sign face made of self-adhesive 3M film applied on the inside face with required coloring as approved by E-I-C. Sign board shall be uniformly internally illuminated with required LED's i/c all other accessories to achieve uniform illumination level and with suitable driver and electronics to operate on 2.8 Amp to 6.6 Amp AC, made for water tightness and locking arrangements, mounting legs with frangible coupling & base frame etc. meeting the latest ICAO/DGCA-CAR standards complete as per specifications etc. as required. Note- The rate shall be quoted considering Wastages.	20	Sq Mtr	30000.00	600000.00
1.15	Supply of 50 mm dia OD ISI marked HDPE pipe as per IS:4984:2016, of rating PE 100, PN 8 complete as required	5700	Mtr.	100.00	570000.00
1.16	Supply of 32 mm dia OD ISI marked HDPE pipe as per IS:4984:2016, of rating PE 100, PN 8 complete as required	6300	Mtr.	70.00	441000.00
1.17	Supply of 3C x 16 Sq. mm. size 1.1 KV grade XLPE insulated, PVC sheathed, armoured Copper conductor power cable conforming to IS 7098 as amended upto date.	200	Mtr	600.00	120000.00
1.18	Supply of 4C x 16 Sq. mm. size 1.1 KV grade XLPE insulated, PVC sheathed, armoured Copper conductor power cable conforming to IS 7098 as amended upto date.	100	Mtr	900.00	90000.00
1.19	Supply of yellow/ green 2.5 Sq.mm PVC insulated FRLS copper conductor single core flexible cable of 1.1 KV grade as per IS 694 for earth connection	400	Mtr.	40.00	16000.00
1.20	Supplying of 1100V grade Aluminium Conductor XLPE insulated galvanised steel strip armoured & overall PVC sheathed armoured power cables as per IS: 7098 Part-I complete as required. a) 3.5C X 120 Sq.mm	150	Mtr.	700.00	105000.00
1.21	Supply of 8C x 2.5 Sq. mm. size 1.1 KV grade XLPE insulated, PVC sheathed, armoured Copper conductor Control Cable conforming to IS 7098 as amended upto date.	4300	Mtr	247.00	1062100.00
(A)	TOTAL SH-1A				11613400.00
2.00	SH-IB: Installation, Testing & Commissioning of GLF system & associated electrical works				

[Handwritten Signature]

2.01	Installation, testing and Commissioning of inset type fitting with deep core cutting upto 500 mm depth, aligning and setting i/c providing sealing material and installation of Isolating Transformer, Crimping / Jointing of secondary lead connectors & other accessories required for commissioning i/c supply of all materials except isolating transformer etc. as per specification complete as required. a) Fitting size up to 8" / 12"	26	Job	2000.00	52000.00
2.02	Installation, testing & commissioning of Elevated type taxiway light fixtures/ Runway Guard light on existing transformer housing boxes and Crimping / Jointing of secondary lead connectors, installation of isolating transformers, i/c supply of all materials except isolating transformer etc. as per specification complete as required.	135	Job	50.00	6750.00
2.03	Installation, Testing, Commissioning of CCR including termination of incoming and outgoing power and control cables, inter connection, making foundation, earthing connection etc. complete as required	9	Job	1000.00	9000.00
2.04	Installation, Testing and Commissioning of guidance signboards of various sizes (upto 1.5m length) i/c installation of isolating transformer of suitable rating and providing secondary leads etc. i/c pedestal of 1m all around the signage board with 1:2:4 (cement, concrete, coarse) of thickness 100mm with neat cement finish plaster, testing and commissioning etc. as required as per specification.	20	Sq Mtr	3000.00	60000.00
2.05	Laying of 01 No. upto 50 mm dia size HDPE pipe through trenchless technology (HDD) upto a depth of approx. 3 meter as per specification as required.	6300	Mtr.	150.00	945000.00
2.06	Laying of 01 No. 50 mm dia size HDPE pipe with accessories like couplers, bends, tee etc. in the soil for GLF work upto a depth of approx. 750 mm, back filling & making good the same as per site requirement as per the direction of engineer in charge.	5440	Mtr.	65.00	353600.00
2.07	Laying of 50mm outer dia. HDPE pipe with accessories like socket, couplers, bends etc. complete with fitting, cuttings, jointing wherever applicable to connect the consecutive transformer housing boxes and transformer housing box to other fitting / location. The laying shall be in Apron/Taxiway shoulder at suitable depth along the civil construction works etc complete as required as directed by EIC.	220	Mtr.	10.00	2200.00
2.08	Laying of one number PVC / XLPE / EPR insulated & PVC / PE / PCP sheathed copper conductor power cable of grade exceeding 0.4 KV but not exceeding 11 KV of size not exceeding 25 sq. mm. in the existing cable duct / RCC/HUME/METAL/HDPE/DWC pipes etc. as required.	14000	Mtr.	3.00	42000.00
2.09	Laying of one number PVC / XLPE / EPR insulated & PVC / PE / PCP sheathed copper conductor power cable of grade exceeding 0.4 KV but not exceeding 11 KV of size not exceeding 25 sq. mm in the existing masonry open duct/trench/open surface as required	600	Mtr.	5.00	3000.00
2.10	Laying of one number 2 X 2.5 sq mm AFL secondary cable along with 1 X 4 sq mm earth cable of voltage grade not exceeding 1.1 KV in the cable duct / masonry trench / RCC / HUME / METAL / GI / HDPE / DWC pipe etc. as required.	420	Mtr.	5.00	2100.00
2.11	Cutting kerf of suitable size in taxiway/runway/apron of PQC/bituminous surface i/c chipping, hammering, cleaning & drying etc. & refilling the kerf with sealant material including primer etc. as reqd. in bitumin/PQC area & laying following numbers of secondary leads:- a) 01 No. Secondary lead of size 2C x 2.5 sq.mm.	70	Mtr.	200.00	14000.00
2.12	Cutting kerf of suitable size in taxiway/runway/apron of PQC/bituminous surface i/c chipping, hammering, cleaning & drying etc. & refilling the kerf with sealant material including primer etc. as reqd. in bitumin/PQC area & laying following numbers of secondary leads:- a) 2 No. Secondary lead of size 2C x 2.5 sq.mm.	103	Mtr.	225.00	22500.00
2.13	Cutting kerf of suitable size in taxiway/runway/apron of PQC/bituminous surface i/c chipping, hammering, cleaning & drying etc. & refilling the kerf with sealant material including primer etc. as reqd. in bitumin/PQC area & laying following numbers of secondary leads:- a) 3 No. Secondary lead of size 2C x 2.5 sq.mm.	30	Mtr.	245.00	7350.00
2.14	Earthing with 'B' class G. I. earth pipe 4.5 mtrs. long x 40 mm dia i/c accessories and providing masonry enclosures with cover plate having locking arrangement & watering pipe etc. i/c charcoal/ coke and salt complete as required as per specification.	32	Each	3000.00	96000.00
2.15	Earthing with copper earth plate 300mm x 600mm x 3.0mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. Including charcoal and salt complete as required.	12	Set	7000.00	84000.00
2.16	Earthing with GI earth plate 600mm x 600mm x 6.0mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. Including charcoal and salt complete as required.	2	Set	4000.00	8000.00
2.17	Providing and fixing 25mm x 5mm copper strip in 40mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	60	Mtr.	800.00	48000.00
2.18	Providing and fixing 25mm x 5 mm G.I. strip in 40mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	10	Mtr.	300.00	3000.00
2.19	Providing and fixing 25mm x 5mm copper strip on surface/in recess/existing pipe for connections etc. as required.	120	Mtr.	600.00	72000.00

Signature
Date

2.20	Providing and fixing 25mm x 5mm G.I. strip on surface/in recess/existing pipes etc. for connections etc. as required.	40	Mtr.	100.00	4000.00
2.21	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe medium class from earth electrode including connection with G.I. thimble excavation and re-filing as required.	192	Mtr.	100.00	19200.00
2.22	Providing and fixing 6 SWG G. I. wire on surface or in recess for loop earthing as required.	7700	Mtr.	16.00	123200.00
2.23	Making connection of 5 KV grade, 6 Sq.mm Copper conductor cable with plug & receptacle (but excluding cost of plug & receptacles) i/c connecting continuity wire for screen etc. complete as required.	173	Job	10.00	1730.00
2.24	Supply and Fixing of secondary Connectors (male and Female) to 2C x 2.5 Sq.mm multi stranded annealed conductor PCP sheathed unshielded cable of 600 V grade on both ends.	173	Job	700.00	121100.00
2.25	Numbering of Airfield Light Fixtures/Panel board on the front/base/ top surface/ RCC foundation with good quality of black color enamel paint with yellow background etc. complete as required.	172	Job	10.00	1720.00
2.26	MV Panel (GLF PANEL) Supply, Installation, Testing and Commissioning of indoor cubicle LT panel as per IEC 61439, IP42, suitable for 415V+/-10%, 3 Phase, 4 wire 50 Hz AC supply system, fabricated in compartmentalized modular design from CRCA sheet steel of 2 mm thick for frame work and covers, 3 mm thick for gland plates i/c cleaning & finishing complete with 7 tank process for powder coating in approved shade, having TPN Aluminium alloy bus bars with 100% size neutral bus as that of phase bus supported with SMC bus bar supports, with short circuit withstand capacity as per design subject to minimum 25 kA for 1 sec, bottom base channel of MS section not less than 75 mm x 40 mm, fabrication shall be done in transportable sections, entire panel shall have a common Copper earth bus bar of size as per IS 3043 subject to minimum 32 mm x 5 mm at the rear with 2 Nos. earth stud, solid/ flexible copper connections from main earth bus bar to switchgears with required size of Cooper conductors/ bus bars and control wiring with 2.5 sqmm FRLS PVC insulated copper conductor cable, cable alleys, cable gland plates in two halves, including control and interlocking of incomers, bus coupler and providing following switchgears/ accessories as per specifications. Incomer 2 Nos. 100A, 4P MCCB, Microprocessor based release (Ics = Icu = 25kA) with inbuilt O/L, S/C & E/F protection as per specification and each incomer shall be provided with following accessories. 1 No. 96 x 96 sqmm Digital MFM meter and 3 nos. Cast resin CTs of ratio 100/5A, Class 0.5 accuracy and 10 VA burden, suitable to measure voltage, Ampere, Frequency, Power Factor, KVA, KW, KVAH, KWH, MDI with RS-485 port. 1 Set of ON/ OFF/TRIP Indicating LED Lamps With 2 Amp MCB Buscoupler 1 Nos. 100A 4P MCCB, Microprocessor based release (Ics = Icu = 25kA) with inbuilt O/L, S/C & E/F protection as per specification with following accessories. 1 Set of ON/ OFF/TRIP Indicating LED Lamps With 2 Amp MCB Electrical & Mechanical Interlocking between both incomers & Buscoupler Busbars 4P aluminium bus bars of 100A capacity with heat shrinkable coloured sleeves including SMC bus bars supports at required intervals complete for cross section, size supports & their spacing etc. for withstanding fault level of 25 KA for 1 sec. Outgoings 6 Nos. 63A 4P MCCB with built in thermal magnetic release with adjustable setting (Ics = Icu = minimum 25 KA) For each busbar section-1 Set Surge protection device Type 2 (Class C), 4 Module, MOV type suitable for 8/ 20µs surge, Voltage Protection level Up < 1.5kV. SPD shall be with built in fuse and pluggable type. For connecting SPD minimum 10sqmm copper wire must be used. The SPD shall be compliant and tested from KEMA KEUR / VDE / NABL tested as per relevant IEC. GLF PANEL as described above.	1	Job	200001.00	200001.00
2.27	Supply Installation, Testing and Commissioning of IGBT Three level PWM Design based, modular type, true online double conversion type 2 X 20 KVA UPS System in parallel configuration with harmonic filter suitable to drive constant current regulators(CCR) with 100% unbalanced load at output at full load condition, working on 3 phase, 4 Wire, 415 Volt, 50 Hz and delivering output 3 phase, 4 Wire, 415 Volt, 50 Hz, High Efficiency, having SMF Batteries to support minimum 30 minutes back up with each UPS, THD less than 3%, Power Factor not less than 0.90, having transfer time of 0 m sec, up along with all accessories i.e. breakers, DC cables, cabinets, battery racks, interconnecting links and related items etc as per site requirement for making the UPS Operational and meeting the standard of IEC and as per specification complete as required.	1	Job	1200002.00	1200002.00
2.28	Laying of one number PVC insulated & PVC sheathed XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct/surface/pipe/raceway as per specification as required a) Above 95 sqmm and upto 185 sqmm	150	Mtr.	10.00	1500.00
2.29	Supplying and installing following size of perforated Hot dipped G.I. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc. as required. a) 150 mm width X 50 mm depth X 1.6 mm thickness	300	Mtr	200.00	60000.00

2.30	Laying and fixing of one no. PVC insulated and PVC Sheathed/XLPE Power of 1.1 KV grade of following sizes on the existing cable tray as required a) Upto 35 sqmm (clamped with 1mm thick saddle)	200	Mtr	10.00	2000.00
2.31	Laying and fixing of one no. PVC insulated and PVC Sheathed/XLPE Power cable of 1.1 KV grade of following sizes on the existing cable tray as required a) Above 95 sqmm and upto 185 sqmm	100	Mtr	10.00	1000.00
2.32	Supplying and making end termination with brass compression gland and Aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE Aluminium conductor cable of 1.1 KV grade as required. a) 3.5 X 120 Sq. mm	4	Set	200.00	800.00
2.33	Supplying and making end termination with brass compression gland and Copper lugs for following size of PVC insulated and PVC sheathed / XLPE Copper conductor cable of 1.1 KV grade as required. a) 3C x 16 Sq. mm.	24	Set	200.00	4800.00
2.34	Supplying and making end termination with brass compression gland and Copper lugs for following size of PVC insulated and PVC sheathed / XLPE Copper conductor cable of 1.1 KV grade as required. a) 4C x 16 Sq. mm.	8	Set	200.00	1600.00
2.35	Supply and fixing of fire retardant electrically insulated synthetic mat of class A, 2.5 mm thick suitable for all voltages not exceeding 11 KV AC and 240V DC system meeting requirements of IS 15652:2006 tested for breakdown strength, tensile/elongation, aging properties, insulation resistance, effect to acid, alkaline, diesel, transformer oil & leakage current test, fire test etc. having minimum width of 1000 mm ±20 mm along with all allied materials such as Pu-resin, Chemi bound, special PVC adhesive, liquid primer etc. in what so ever quantity required to complete the job as per site conditions and as per instructions from Engineer-in-Charge.	20	Mtr	800.00	16000.00
2.36	Supply and laying including termination of Armored Single-Mode Optic fiber cable (6-core) in existing pipe/masonry open duct/trench/open surface/raceway/cable tray as required	6400	Mtr	60.00	384000.00
2.37	Constructing 23cm thick brick wall masonry chamber in cement mortar 1:4 (1 cement : 4 coarse sand) R.C.C top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement complete as per standard design: Inside size 1000 mm X 1000 mm x 1200 mm including RCC Cover is to be provided along with hook for lifting purpose etc complete as required as per the direction of Engineer-In-Charge	6	Job	4000.00	24000.00
2.38	DSR Works: Execution of works as per CPWD schedule of work and specifications as & when required: WORKS BASED ON DSR (E&M)-2022 ITEMS. Rate for Each one rupee value of work executed from the CPWD DSR (E&M)-2022 electrical rates. (For example if the quoted rate for this item is Rs. 0.90 then the executed DSR (E&M)-2022 schedule works of value Rs. 1,00,000.00 at DSR(E&M)-2022 rates, the quoted amount will be Rs. 90,000.00. And if quoted rate for this item is Rs. 1.25 then quoted amount for the same will be Rs. 1,25,000.00)	50000	Each	0.60	30000.00
(B)	TOTAL SH-1B				4027153.00
(C)	GRAND TOTAL SH-1A & SH-1B Excluding GST (A + B = C)				15640553.00
	(Rupees One Crore Fifty-Six Lakh Forty Thousand Five Hundred Fifty-Three Only)				

उप महाप्रबंधक(अभि-विद्युत) / Dy. General Manager (Engg.-Elect.)

दरभंगा हवाई अड्डा, दरभंगा / Darbhanga Airport, Darbhanga
(कृते अध्यक्ष, भा.वि.प्रा. / On behalf of Chairman, AAI)

Signature Not Verified

Digitally signed by PARTHA SAHA
Date: 2026.02.13 12:35:59 IST
Location: eProcurement System for Central PSUs