



**NORTH EASTERN RAILWAY  
GORAKHPUR  
MECHANICAL WORKSHOP  
ELECTRICAL DEPARTMENT**

## **START OF TENDER DOCUMENT**

**E-TENDER DOCUMENT**

**of**

**EL-MWS-GKP-2026-27-06**

**NAME OF WORK:-**

**Provision of Lighting Arrangement & Other Miscellaneous Electrification Works in  
Rail Museum, Gorakhpur**

***Office of Dy. Chief Electrical Engineer/Workshop  
N.E. Railway,  
Gorakhpur***

**E-TENDER No. EL-MWS-GKP-2026-27-06**

**TENDER DOCUMENT CONSISTS OF FOLLOWING: -**

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**From: DEPUTY CHIEF ELECTRICAL ENGINEER (WS),  
NORTH EASTERN RAILWAY,  
GORAKHPUR -273012 (UTTAR PRADESH)**

## **TOP SHEET**

1.	E- Tender No.	EL-MWS-GKP-2026-27-06
2.	Bidding System	Single Packet
3.	Name of Work:	Provision of Lighting Arrangement & Other Miscellaneous Electrification Works in Rail Museum, Gorakhpur
4.	Approximate Value of Tender	<b>Rs. 45,56,889.55/-</b>
5.	Bid Security	<b>Rs. 91,100/-</b>
6.	Payment of Bid Security	In respect of e-tendering, payment of Bid Security shall be deposited either in cash through e-payment gateway or submitted as Bank Guarantee/e-Bank Guarantee bond from a scheduled bank of India. The bank guarantee bond shall be as per Annexure-VIA and shall be valid for a period of 90 days beyond the bid validity period. Tender must be accompanied by a Bid Security as mentioned in tender documents, failing which the tender shall be summarily rejected.
7.	Dy. Chief Electrical Engineer /MWS/GKP	Dy. Chief Electrical Engineer/MWS/GKP
8.	Permissibility of Participation of Joint Venture Firms	No
9.	Applicability of Price Variation Clause	No
10.	Similar Nature of Work	NA
11.	Completion period	2 Months
12.	Maintenance period	12 Months unless stated specifically otherwise.
13.	Mobilization advance	No
14.	Incentive bonus	No
15.	Stage payment on supply of steel	Not applicable
16.	Estimate No. and Allocation No.	Dy.CEE/W/GKP/2026-27/Rail Museum dated 02.06.2026 Allocation- 20-7216-03 (83660455)
17.	Location of work [District/State]	Mechanical Workshop, Gorakhpur, (UP).
18.	Special Instructions, if any	--
19.	Date and Time of closing	15-07-2026 up to 11:00 Hrs IST
20.	Pre-Bid Conference date & venue	--
21.	Postal Address for correspondence	Office of the Dy. Chief Electrical Engineer, Mechanical Workshop GKP, North Eastern Railway, Gorakhpur-273012

## **1.0 MEASUREMENTS AND PAYMENTS**

- (i) 80% of the item price (Material Cost) shall be paid on receipt of material in Railway custody after successful inspection. If for any item of work, price of material and erection is not separately available, 80% of the cost of item of work will be considered as material cost. Accordingly, in such case 80% of 80% of item cost i.e. 64% of item cost will be paid on receipt of material.
- (ii) Further payment of material and erection cost to cover 90% of the cost of item of work shall be made on successful testing and commissioning of installation.
- (iii) Balance 10% payment shall be released after successful commissioning and on issue of provisional acceptance certificate.
- (iv) 100% payment will be done in each running bill to the firm against completion of the work for schedule item including only labour charge.
- (v) Supervision and work measurement will be done by the SSE/PH/MWS/GKP.
- (vi) Any dispute occurred during execution of work between contractor & Railway representative shall be referred to Dy.CEE/MWS/GKP whose decision will be final and binding.
- (vii) Firm will submit the Tax Invoice/E-Invoice of the bill amount in each running bill as generated by Railway. Tax Invoice/E-Invoice differ from the generated bill amount is not acceptable.

## **2.0 ADDITIONAL CONDITIONS OF CONTRACT**

- **COMPLETION PERIOD:-** This work has to be completed in all respect within **2 Months** from the date of issue of Letter of Acceptance.
- During execution of the work, if any differences occurred between Railway & Contractor on terms & conditions given in Tender Document than in that case only GCC April-2022 (including latest correction slips) will be applicable.
- **MAINTENANCE PERIOD:-** On the completion of the work to the satisfaction of the Engineer, it will be taken over. From the date of completion of work, the contractor shall be responsible for maintenance of the work for a further period of **12 Months** unless stated specifically otherwise from the date of completion of work. All defects and deficiencies during guarantee period advised to the contractor shall be attended to by him promptly as may be stipulated by the Engineer. If the contractor fails to attend and arrange repair/rectification within 48 hours of intimation through letter by hand delivery/Registered Post/Whatsapp/SMS/E-mail during the warranty period, Railway shall be free to get the repairs done through departmental labour or through any other sources at contractor's expenses without prejudice to the other remedies available under the contract by deducting material & labour cost of particular item which is failed or a penalty of Rs. 1500/- per day, whichever is higher. Penalty will be imposed and deducted from the submitted security deposit/running bills as decided by the competent authority.
- All the works included in the tender/contract shall be completed within the time specified in the tender/agreement.
- **WARRANTY:-** Firm will have to provide 12 Month Warranty unless stated specifically otherwise from the date of successful commissioning of entire set of materials.
- **TENDERERS RESPONSIBILITY:-** Necessary Tools and accessories required for the work shall be arranged by the tenderer.
- As per Railway Board Letter No. 2012/CE-I/CT/O/20 dt. 10.05.2013, the contractor shall employ following Qualified Engineers during execution of the allotted work: (a) One Qualified Graduate Engineer when cost of work to be executed is Rs.200 lakh/Rs.2.0 Crore and above, and (b) One Qualified Diploma Holder Engineer when cost of work to be executed is more than Rs.25 lakh, but less than Rs.200 lakh/Rs.2.0 Crore. If the contractor fails to employ the Qualified Engineer, as aforesaid in above para, in terms of provisions of Clause 26A.2 of the Indian Railway Standard General Conditions of Contract, shall be liable to pay an amount of Rs. 40,000 and Rs. 25,000 for each month or part thereof for the default period for the provisions. The Provision for deployment of Qualified Engineers [Graduate Engineer or Diploma Holder Engineer] shall be for the values as prescribed above. However, for the works contract tenders, if it is considered appropriate by the tender inviting authority, not to have the services of qualified engineer, the same shall be so mentioned in the tender documents by the concerned Executive with the approval of Officer not below the level of SAG Officer, for reasons to be recorded in writing
- **SAFETY:-**
  - The successful tenderer shall be responsible to take necessary precautionary measure in order to ensure the safety against injury etc., of his/her/their personnel during working at the Railway premises and should conform to the rules and regulations of the Railway and Factory act 1948 and contract labour Act-1970 respectively.
  - The successful tenderer's personnel involved in this work should be provided with adequate and necessary personal protective equipment's for ensuring their safety and health.
  - The successful tenderer shall indemnify and save harmless the Railways from and against all actions, suits and proceedings, losses, costs, damages, charges, claims and demands of every nature and description brought or recovered against the Railway by reason of any act or omission of the contractor, his/her/their agents or employees in the execution of the works or in the guarding of the same.
  - The employees those who are engaged by the successful tenderer shall be protected with group/individual Insurance coverage and the Railway Administration will not be responsible for any type of compensation payable to the contract labourers under any grounds.
  - All the contract employees should be covered under ECA policy/ESI/group insurance and it should be covered for the payment of compensation payable to the contract labourers as assessed by the Regional

- Labour Commissioner at the time of accident if any occurs.
- The contractor/firm shall ensure that the current rate of ESI / PF benefits is to be availed by the employees engaged by him. If any failure noticed in this regard that will be liable for punishment under ESI / PF benefit Act.
  - All safety instructions/directions issued by railway administration should be adhered strictly. any deviation if observed will be taken-up as per the existing rules.
  - Personnel protective equipment like safety shoes, safety belt, safety helmet, nose mask, etc. required for the particular work shall also be ensured by the contractor.
  - The contract employees should follow the work permit procedure and Entry permit strictly. Proper permit letter obtained from the Administration should be produced at the time of demand.
  - Statutory bonus should be given as per existing rules.
  - No child labour should be entertained.
  - Any loss incurred due to the contractor's lapses to the Administration, will be taken-up on the contractor's account.
  - While working if the contract employees met with an accident resulting in any loss of earning or including death, compensation under ECA 1923 has to be paid by the contractor on his own. The Railway is not responsible to pay compensation/Insurance in case the contractor's staff, gets injury/an accident or in the event of death during working or in the premises. It is total responsibility of the contractor to take care and liability in such issues.
  - The contractor should bear any special allowances prescribed by the Act to be followed strictly.
  - Any theft / misuse / misbehavior will be taken-up severely.
  - The contractor shall pay to labour employed by him the wages as per provisions in aforesaid act and the rules wherever applicable. The payment of minimum wages to the contract labour shall be paid by the contractor. The contractor shall maintain the Attendance Register and Payment Register for the laborers employed.
  - If the contractors taking policy for a particular period, policy should be taken for the amount of total earnings, i.e. Wages/day duly multiplied by No. of days of the period including Sundays & Holidays. Wages/day must be equal or more than the minimum rate of Wages issued by the Chief Labour Commissioner, Ministry of Labour and Employment, Government of India from time to time. Since the minimum rate of wages is revised twice in a year i.e. 1st April and 1st October of every year, insurance policies should be taken maximum of six months or part period up to the months of March or September of the year only whichever the case may be.
  - The contractor shall register his firm with office of the Labour Commissioner of his jurisdiction according to Inter State Migrant workmen Rules 1980 and shall comply with the provision of Inter State Migrant Workmen (Regulation of Employment and condition of service) Central Rules 1980 in case of employment of other state workers.
  - Railway will not provide any medical facilities to the staff & Supervisor engaged by contractor.
  - The contractor shall not allow any road vehicle belonging to him or his supplier to ply in Mechanical Workshop, Gorakhpur except entering and egression of his/her/their materials and equipment only. The Contractor shall remain fully responsible for ensuring safety and in case of any accident, shall bear the cost of all damages to his/her/their equipment's & men and also damages to the Railway.
- **COMPLIANCE TO ENVIRONMENTAL MANAGEMENT SYSTEM**
    - Specific guidelines, instructions, requirements, conditions, etc. pertaining to a contract will be issued by the Dy.CEE/WS/GKP or his representatives from time to time either along with the tender/contract or subsequently during the execution of the contract. It is mandatory for the Contractor and his/her/their personnel to adhere to that.
    - Following general guidelines, in addition to the specific conditions of the contract, are issued for strict compliance:
      - a) The Contractor shall ensure that the personnel deployed by him/her/them are aware of the Environmental Policy of Mechanical Workshop, Gorakhpur
      - b) The Contractor shall ensure that his/her/their personnel are aware of pollution control and its importance, aspects of the activities being carried out by the contractor's personnel, its impact and its significance.

- c) The driver of the transport vehicles engaged/used by the Contractor which are entering the premises of Mechanical Workshop, Gorakhpur should have a valid license for that particular category of vehicle issued by any Government Transport Authority.
- d) In the event of fire noticed by Contractor's personnel, this should be communicated to the Sr. Section Engineer of the nearest/adjacent shop for taking further action.
- e) In the event of any accident or incident or near miss, this should be immediately communicated to the Safety Cell for taking further action.
- f) The Contractor shall ensure that there is no leakage of chemicals, oil, hazardous substances, while transporting or carrying out any activity. The containers used for various activities should be free from leaks and damages.
- g) The contractor's personnel shall not bring any non-bio degradable item like plastic, poly- ethylene etc. and any other pollution causing material inside the Mechanical Workshop, Gorakhpur premises.
- h) The Contractor's personnel shall ensure that there is proper house-keeping in the place of work.
- i) The Contractor's personnel shall ensure that the waste generated while performing any process within the premises of Mechanical Workshop, Gorakhpur is disposed only in the nominated locations. The waste should not be left in the place ofwork nor should it be disposed anywhere. The details of nominated locations may be obtained from the Officer who has executed the contract.

- **ERROR, OMISSION & DISCREPANCIES**

The tenderer shall not take any advantage of any misinterpretation of conditions due to typing or any other error and in case of any doubt shall bring it to the notice of the Dy.CEE/WS/GKP without delay. In case of any contradiction only the printed rules and books should be followed and no claim for the misinterpretation shall be entertained.

**Bill of Quantities**  
**N.E. RAILWAY**

**TENDER NO.-EL-MWS-GKP-2026-27-06**

**NAME OF WORK:-** Provision of Lighting Arrangement & Other Miscellaneous Electrification Works in Rail Museum, Gorakhpur.

**APPROXIMATE COST:** 45,56,889.55/-

Sl. No.	Description	Unit	Qty.	Rate (Rs.)	Total (Rs.)
1	SITC of 72 Watt Outdoor Type LED Light Aesthetically designed IP 66 LED post Top with aluminum enclosure, powered with high power LEDs as light source and die casted heat sink exhibiting classic Victorian look with symmetrical light distribution, suspended mounting arrangement and excellent heat dissipation for long life. Complete in all respect along with its civil foundation work including Foundation Nut Bolt etc.	Nos.	9	30000.00	270000.00
2	Family of Decorative Arms in different designs, shaped and lengths to compliment the EROS LED Post Tops and Poles Family. Orbit S Round Arm for Pole. Complete in all respect along with its civil foundation work including Foundation Nut Bolt etc.	Nos.	9	14000.00	126000.00
3	Supply of Double wall corrugated (DWC) pipes for underground power cable protection with IS:14930 Part - II mark on duly printed at every one meter interval along with the socket coupler with IP 67 protecting for coupling where ever required. The DWC pipe shall be rodent proof and fire resistant and size of outer dia 90 mm and inner dia 76 mm.	Mtr.	400	189.31	75724.00
4	Supply, erection (with foundation/supporting structure), installation, testing and commissioning of 10W LED Bollard Light as per specification. Make shall be as per reference list	Nos.	90	4814.76	433328.40
5	SITC of 45 Watt Outdoor Type LEDIP 65 LED post-top family, energy saving, environmental friendly, long life aesthetically designed with symmetrical light distribution, spun aluminum landscape luminaire with high power LEDs as light source with OD of 76mm including GI Pipe Dia.65 mm Length 3.0 Mtr. complete in all respect along with its civil foundation work	Nos.	50	13000.00	650000.00
6	Family of Decorative Casting poles in different designs, shaped and heights to compliment the EROS LED Post Top family. Complete in all respect along with its civil foundation work including Foundation Nut Bolt etc.	Nos.	59	30820.00	1818380.00
7	Supplying & Erecting of LED Flood light fitting of 120W, including lamp, with PF > 0.95, class IP65 and above class IP 65 and above housing of pressure die cast aluminum alloy and heat sink extruded aluminum complete as per site requirement and flood light to be erected as per the direction of site engineer in charge.	Nos.	16	5118.07	81889.12

8	Supply Fixing & Testing of Full Body Fountain Stand Light Multi Colour 24 Watt 12Volt DC with Control Panel IP 68 100%V water proof.	Nos.	10	3540.00	35400.00
9	PVC (type "C") insulated having FR properties copper conductor single core cable 4.0 sq. mm multi stranded ISI mark to IS: 694/2010 or latest and laying/drawing in laid recessed surface PVC conduit pipe for wiring/submain/main as required including connection, testing and commissioning as per site requirement.	Mtr.	9000	41.32	371880.00
10	Supply & Laying of PVC (type "C") insulated having FR properties copper conductor single core cable 0.75 sq. mm multi stranded ISI mark to IS:694/2010 or latest and laying/drawing in laid recessed surface PVC conduit pipe for wiring/submain/main as required including connection, testing and commissioning as per site requirement.	Mtr.	450	11.28	5076.00
11	Supply & Laying of PVC (type "C") insulated having FR properties copper conductor single core cable 1.5 sq. mm multi stranded ISI mark to IS: 694/2010 or latest and laying/drawing in laid recessed surface PVC conduit pipe for wiring/submain/main as required including connection, testing and commissioning as per site requirement.	Mtr.	900	17.14	15426.00
12	Supply and laying of PVC (type "C") insulated having FR properties copper conductor single core cable 2.5 sq. mm multi stranded ISI mark to IS: 694/2010 or latest and laying/drawing in laid recessed surface PVC conduit pipe for wiring/submain/main as required including connection, testing and commissioning as per site requirement.	Mtr.	1000	29.98	29980.00
13	Supply and fixing of PVC conduit pipe 25 mm (Medium) on surface conforming to IS:9537/Part-III/1983 (Latest Version) including supply of all accessories i.e. junction box, bend, etc. including making cc cutting, chase, plastering complete in all respect as per site requirement.	Mtr.	450	11.71	5269.50
14	Supply and recessing/fixing of PVC Conduit pipe 32 mm (Medium) conforming to IS 9537/ Part III/1983 (Latest version) with accessories, junction box, bend etc. including making chase, plastering/ clamping etc.	Mtr.	2000	69.22	138440.00
15	Supply & Installation of Ceiling rose 3 plate ISI mark to IS:371/1979 including connection, testing & commissioning.	Nos.	200	7.23	1446.00
16	Supply, installation, testing and commissioning of modular (inner + outer) combined cover plate 18 module white and flush metal box.	Nos.	6	209.36	1256.16
17	Supply, installation, testing and commissioning of modular (inner + outer) combined cover plate 12 module white and flush metal box size 8"x6", 12 module.	Nos.	3	150.46	451.38
18	Supply, installation, testing and commissioning of modular (inner + outer) combined cover plate 6 module white and flush metal box.	Nos.	3	132.59	397.77
19	Supply, installation, testing and commissioning of Modular switches 6A (1way) suitable for 230 V, 50Hz, AC supply as per IS:3854/1997 (latest version) as per site requirement.	Nos.	70	24.63	1724.10

20	Supply, installation, testing and commissioning of Modular socket outlet 6A/10A, 5 pin as per IS:1293-1988 (latest version) suitable for 230 V, 50 Hz, AC supply as per site requirement.	Nos.	14	43.31	606.34
21	Supply, installation, testing and commissioning of Modular switches 16A (1way) suitable for 230 V, 50Hz, AC supply as per IS:3854/1997 (latest version) as per site requirement.	Nos.	18	55.16	992.88
22	Supply, installation, testing and commissioning of Modular socket outlet 6-16A, 3 pin as per IS:1293-1988 (latest version) suitable for 230 V, 50 Hz, AC supply as per site requirement.	Nos.	20	66.66	1333.20
23	Supply of modular 5 step fan regulator high speed suitable for BLDC fan 230V, 50 Hz Ac supply.	Nos.	10	270.40	2704.00
24	Supply, Installation, Testing and Commissioning of 25 Amp. MCB protected power unit comprising of suitable rating of plug, socket, 2 pole MCB, starter & polycarbonate board complete in all respect For AC Unit.	Nos.	5	1163.68	5818.40
25	Supply, Installation, Testing and Commissioning of SPN MCB Distribution Board 8 Way double door made with 1.2mm thickness CRCA sheet full powder coated of 50-70 micron with 01 No. MCB 02 Pole 40 Amp 10 KA 230V as incoming and 06 Nos. MCB of 6-20 Amp single pole 10 KA 230Volt as outgoing complete in all respect including connection as required	Nos.	1	2583.21	2583.21
26	Supply of ISI marked four core 70sq.mm circular armoured XLPE cables cross linked polyethylene and XLPE insulated PVC outer sheathed armoured with galvanised round steel wire or steel strip and aluminum conductor suitable for rated voltage at 1100 volt grade and conforming to IS: 7098 PartI/1988 with amdt. 1, 2 and 3 reaffirmed 2005 or latest.	Mtr.	500	430.56	215280.00
27	Design, supply, installation, testing & commissioning of LT panel board with copper bus-bar 400 A, consisting with the following accessories :- (i) Panel board of MS sheet 1.6mm thick, re-enforcement with 2.5mm thick frame and channel arranging racks and shelves of suitable size (ii) Incomer : MCCB 400A ,4 pole , 25KA - 01 No. ,Multifunction Meter-1 Set, Indication lamp R,Y,B( LED ) (iii) Outgoing :MCCB 200A , 4 pole - 01No, MCCB,100A 4 pole -02Nos,MCCB 63 A,4 pole - 02Nos. Indication lamp R,Y,B( LED ).Breaking capacity 25KA for rated current >100A and 10KA for lesser rated current . LT Panel shall be manufactured in Conforming to IS- IS-60947 and IS/IEC 61439 Part-1, Part-2, Part-3 complete in all respect.	Job	1	193567.70	193567.70
28	Supply, Fabrication, Installation, Testing & Commissioning of 200 A TPN bus-bar of length 300 mm made of copper strips suitable for 200 A, 6 Way capacity with all accessories including connection earthing the body complete in all respect.	Nos.	6	5241.75	31450.50
29	Supply and Installation of 10/16/20 Amp. SP MCB 10 kA.	Nos.	8	53.11	424.88

30	Supply, Installation, Testing and Commissioning of Busbar Chamber System 100 A Rating Four Pole 4 way type conforming to IS:8623 and IS:2147 with latest version busbar layout stack layer type short circuit withstand capacity 35 KA Degree of protection IP 31 fabricated with sheet steel (CRCA) 1.6mm thickness and epoxy powder coated, bus bar section made of ETP grade copper dull tin plated with DMC support, Neutral busbar fully rated, top and bottom end plate detachable suitable for 440 V 50HZ AC Supply complete in all respect.	Nos.	1	8248.01	8248.01
31	Supply & Making Maintenance Free earthing arrangement complete in all respect	Nos.	4	7953.00	31812.00
<b>Grand Total (Rs.)</b>					<b>4556889.55</b>

**(In Words: - Rs. Forty Five Lakh Fifty Six Thousand Eight Hundred Eighty Nine and Fifty Five Paise Only)**

**Note:-**

- (i) It is responsibility of the tenderer to be familiar with all terms & conditions of Tender Document and Indian Railway GCC April 2022 with advance/Latest correction slips of rules & regulations issued by Railway Board will be applicable
- (ii) If the make of any schedule item is not defined, prior approval of railway should be mandatory.
- (iii) All the materials supplied by the contractor for execution of the work should be got checked & approved by the competent authority authorized by Dy.CEE/WS/GKP before getting it in to use for execution of the work.
- (iv) All the works mentioned in the schedule of work will be executed as per direction of concerned Railway Eng.-in-charge (SSE/PH/MWS/GKP).
- (v) The materials which will be supplied by the Rly. will be obtained from go-down/store of Railway through SSE/Elect/WS.
- (vi) Any other item not included in the schedule will be provided/fitted/done as per site requirement with the prior approval of competent authority.
- (vii) All items inclusive of 18 % GST.

## Explanatory Notes

These explanatory notes are for guidance of field staff. Each work has its own particular requirements. Engineer In-charge will be responsible for successful execution of work as per technical specifications.

- (a) All Electrical works should comply with Indian Electricity Act 2003 and Indian Electricity Rules 1956.
  - (b) All Electrical installations work shall conform to relevant safety code to practice, guide for safety procedures in electrical works shall be observed.
  - (c) All components used in installation shall be of appropriate ratings of voltage, current and frequency.
  - (d) All minor items viz. hardware items, nuts & bolts, screws foundation bolts, termination lugs for electrical connections clamps, cable trays etc. as required and necessary for proper working of the equipment shall be deemed to have been included in the tender, whether such items are specifically mentioned in the tender documents or not.
- 
- 1. **Item No. 1-** This rate includes the SITC of 72 Watt Outdoor Type LED Light Aesthetically designed IP 66 LED post Top with aluminum enclosure, powered with high power LEDs as light source and die casted heat sink exhibiting classic Victorian look with symmetrical light distribution, suspended mounting arrangement and excellent heat dissipation for long life. Complete in all respect along with its civil foundation work including Foundation Nut Bolt etc. (LED of Reputed Makes- Havells/Crompton/Philips or similar reputed make)
  - 2. **Item No. 2-** This rate includes the Family of Decorative Arms in different designs, shaped and lengths to compliment the EROS LED Post Tops and Poles Family. Orbit S Round Arm for Pole. Complete in all respect along with its civil foundation work including Foundation Nut Bolt etc.
  - 3. **Item No. 3-** This rate includes the Supply of Doublewall corrugated (DWC) pipes for underground power cable protection with IS:14930 Part - II mark on duly printed at every one meter interval along with the socket coupler with IP 67 protecting for coupling where ever required. The DWC pipe shall be odent proof and fire resistant and size of outer dia 90 mm and inner dia 76 mm.
  - 4. **Item No. 4-** This rate includes the Supply, erection (with foundation/supporting structure), installation, testing and commissioning of 10W LED Bollard Light as per specification. Make shall be as per reference list. (LED of Reputed Makes- Havells/Crompton/Philips or similar reputed make)
  - 5. **Item No. 5-** This rate includes the SITC of 45 Watt Outdoor Type LEDIP 65 LED post-top family, energy saving, environmental friendly, long life aesthetically designed with symmetrical light distribution, spun aluminum landscape luminaire with high power LEDs as light source with OD of 76mm including GI Pipe Dia.65 mm Length 3.0 Mtr. complete in all respect along with its civil foundation work. (LED of Reputed Makes- Havells/Crompton/Philips or similar reputed make)
  - 6. **Item No. 6-** This rate includes the Family of Decorative Casting poles in different designs, shaped and heights to compliment the EROS LED Post Top family. Complete in all respect along with its civil foundation work including Foundation Nut Bolt etc.
  - 7. **Item No. 7-** This rate includes the Supplying & Erecting of LED Flood light fitting of 120W, including lamp, with PF > 0.95, class IP65 and above class IP 65 and above housing of pressure die cast aluminum alloy and heat sink extruded aluminum complete as per site requirement and flood light to be erected as per the direction of site engineer in charge. (LED of Reputed Makes- Havells/Crompton/Philips or similar reputed make)
  - 8. **Item No. 8-** This rate includes the Supply Fixing & Testing of Full Body Fountain Stand Light Multi Colour 24 Watt 12Volt DC with Control Panel IP 68 100%V water proof. (LED of Reputed Makes- Havells/Crompton/Philips or similar reputed make)

9. **Item No. 9-** This rate includes the PVC (type "C") insulated having FR properties copper conductor single core cable 4.0 sq. mm multi stranded ISI mark to IS: 694/2010 or latest and laying/drawing in laid recessed surface PVC conduit pipe for wiring/submain/main as required including connection, testing and commissioning as per site requirement.
10. **Item No. 10-** This rate includes the Supply & Laying of PVC (type "C") insulated having FR properties copper conductor single core cable 0.75 sq. mm multi stranded ISI mark to IS:694/2010 or latest and laying/drawing in laid recessed surface PVC conduit pipe for wiring/submain/main as required including connection, testing and commissioning as per site requirement.
11. **Item No. 11-** This rate includes the Supply & Laying of PVC (type "C") insulated having FR properties copper conductor single core cable 1.5 sq. mm multi stranded ISI mark to IS: 694/2010 or latest and laying/drawing in laid recessed surface PVC conduit pipe for wiring/submain/main as required including connection, testing and commissioning as per site requirement.
12. **Item No. 12-** This rate includes the Supply and Laying of PVC (type "C") insulated having FR properties copper conductor single core cable 2.5 sq. mm multi stranded ISI mark to IS: 694/2010 or latest and laying/drawing in laid recessed surface PVC conduit pipe for wiring/submain/main as required including connection, testing and commissioning as per site requirement.
13. **Item No. 13-** This rate includes the Supply and Fixing of PVC conduit pipe 25 mm (Medium) on surface conforming to IS:9537/Part-III/1983 (Latest Version) including supply of all accessories i.e. junction box, blend, etc. including making cc cutting, chase, plastering complete in all respect as per site requirement.
14. **Item No. 14-** This rate includes the Supply and recessing/fixing of PVC Conduit pipe 32 mm (Medium) conforming to IS 9537/ Part III/1983 (Latest version) with accessories, junction box, bend etc. including making chase, plastering/ clamping etc
15. **Item No. 15-** This rate includes the Supply & Installation of Ceiling rose 3 plate ISI mark to IS:371/1979 including connection, testing & commissioning.
16. **Item No. 16-** This rate includes the Supply, installation, testing and commissioning of modular (inner + outer) combined cover plate 18 module white and flush metal box.
17. **Item No. 17-** This rate includes the Supply, installation, testing and commissioning of modular (inner + outer) combined cover plate 12 module white and flush metal box size 8"x6", 12 module.
18. **Item No. 18-** This rate includes the Supply, installation, testing and commissioning of modular (inner + outer) combined cover plate 6 module white and flush metal box.
19. **Item No. 19-** This rate includes the Supply, installation, testing and commissioning of Modular switches 6A (1way) suitable for 230 V, 50Hz, AC supply as per IS:3854/1997 (latest version) as per site requirement.
20. **Item No. 20-** This rate includes the Supply, installation, testing and commissioning of Modular socket outlet 6A/10A, 5 pin as per IS:1293-1988 (latest version) suitable for 230 V, 50 Hz, AC supply as per site requirement.
21. **Item No. 21-** This rate includes the Supply, installation, testing and commissioning of Modular switches 16A (1way) suitable for 230 V, 50Hz, AC supply as per IS:3854/1997 (latest version) as per site requirement.
22. **Item No. 22-** This rate includes the Supply, installation, testing and commissioning of Modular socket outlet 6-16A, 3 pin as per IS:1293-1988 (latest version) suitable for 230 V, 50 Hz, AC supply as per site requirement.
23. **Item No. 23-** This rate includes the Supply of modular 5 step fan regulator high speed suitable for BLDC fan 230V, 50 Hz Ac supply.

24. **Item No. 24-** This rate includes the Supply, Installation, Testing and Commissioning of 25 Amp. MCB protected power unit comprising of suitable rating of plug, socket, 2 pole MCB, starter & polycarbonate board complete in all respect For AC Unit.
25. **Item No. 25-** This rate includes the Supply, Installation, Testing and Commissioning of SPN MCB Distribution Board 8 Way double door made with 1.2mm thickness CRCA sheet full powder coated of 50-70 micron with 01 No. MCB 02 Pole 40 Amp 10 KA 230V as incoming and 06 Nos. MCB of 6-20 Amp single pole 10 KA 230Volt as outgoing complete in all respect including connection as required
26. **Item No. 26-** This rate includes the Supply of ISI marked four core 70sq.mm circular armoured XLPE cables cross linked polyethylene and XLPE insulated PVC outer sheathed armoured with galvanised round steel wire or steel strip and aluminum conductor suitable for rated voltage at 1100 volt grade and conforming to IS: 7098 PartI/1988 with amdt. 1, 2 and 3 reaffirmed 2005 or latest.
27. **Item No. 27-** This rate includes the Design, supply, installation, testing & commissioning of LT panel board with copper bus-bar 400 A, consisting with the following accessories :- (i) Panel board of MS sheet 1.6mm thick, re-enforcement with 2.5mm thick frame and channel arranging racks and shelves of suitable size(ii) Incomer : MCCB 400A ,4 pole , 25KA -01 No. ,Multifunction Meter-1 Set, Indication lamp R,Y,B( LED ) (iii)Outgoing :MCCB 200A , 4 pole -01No, MCCB,100A 4 pole -02Nos,MCCB 63 A,4 pole -02Nos. Indication lamp R,Y,B( LED ).Breaking capacity 25KA for rated current >100A and 10KA for lesser rated current . LT Panel shall be manufactured in Conforming to IS- IS-60947 and IS/IEC 61439 Part-1, Part-2, Part-3 complete in all respect.
28. **Item No. 28-** This rate includes the Supply, Fabrication, Installation, Testing &Commissioning of 200 A TPN bus-bar of length 300 mm made of copper strips suitable for 200 A, 6 Way capacity with all accessories including connection earthing the body complete in all respect.
29. **Item No. 29-** This rate includes the Supply and Installation of 10/16/20 Amp. SP MCB 10 kA.
30. **Item No. 30-** This rate includes the Supply, Installation, Testing and Commissioning of Busbar Chamber System 100 A Rating Four Pole 4 way type conforming to IS:8623 and IS:2147 with latest version busbar layout stack layer type short circuit withstand capacity 35 KA Degree of protection IP 31fabricated with sheet steel (CRCA) 1.6mm thickness and epoxy powder coated, bus bar section made of ETP grade copper dull tin plated with DMC support, Neutral busbar fully rated, top and bottom end plate detachable suitable for 440 V 50HZ AC Supply complete in all respect.
31. **Item No. 31-** This rate includes the Supply & Making Maintenance Free earthing arrangement complete in all respect as per CEE Specification.

## SCOPE OF WORK

1. SITC of 72 Watt Outdoor Type LED Light Aesthetically designed IP 66 LED post Top with aluminum enclosure, powered with high power LEDs as light source and die casted heat sink exhibiting classic Victorian look with symmetrical light distribution, suspended mounting arrangement and excellent heat dissipation for long life. Complete in all respect along with its civil foundation work including Foundation Nut Bolt etc. (LED of Reputed Makes- Havells/Crompton/Philips or similar reputed make)
2. Family of Decorative Arms in different designs, shaped and lengths to compliment the EROS LED Post Tops and Poles Family. Orbit S Round Arm for Pole. Complete in all respect along with its civil foundation work including Foundation Nut Bolt etc.
3. Supply and Laying of Double wall corrugated (DWC) pipes for underground power cable protection with IS:14930 Part - II mark on duly printed at every one meter interval along with the socket coupler with IP 67 protecting for coupling where ever required. The DWC pipe shall be rodent proof and fire resistant and size of outer dia 90 mm and inner dia 76mm.
4. Supply, erection (with foundation/supporting structure), installation, testing and commissioning of 10W LED Bollard Light as per specification. Make shall be as per reference list. Complete in all respect along with its civil foundation work including Foundation. As per approved drawing provided by site supervisor. (LED of Reputed Makes- Havells/Crompton/Philips or similar reputed make)
5. SITC of 45 Watt Outdoor Type LEDIP 65 LED post-top family, energy saving, environmental friendly, long life aesthetically designed with symmetrical light distribution, spun aluminum landscape luminaire with high power LEDs as light source with OD of 76mm including GI Pipe Dia.65 mm Length 3.0 Mtr. complete in all respect along with its civil foundation work. As per drawing provided by site supervisor. (LED of Reputed Makes- Havells/Crompton/Philips or similar reputed make)
6. Family of Decorative Casting poles in different designs, shaped and heights to compliment the EROS LED Post Top family. Complete in all respect along with its civil foundation work including Foundation Nut Bolt etc. As per approved drawing provided by site supervisor.
7. Supplying & Erecting of LED Flood light fitting of 120W, including lamp, with PF > 0.95, class IP65 and above class IP 65 and above housing of pressure die cast aluminum alloy and heat sink extruded aluminum complete as per site requirement and flood light to be erected as per the direction of site engineer in charge. (LED of Reputed Makes- Havells/Crompton/Philips or similar reputed make)
8. Supply Fixing & Testing of Full Body Fountain Stand Light Multi Colour 24 Watt 12Volt DC with Control Panel IP 68 100% water proof. (LED of Reputed Makes- Havells/Crompton/Philips or similar reputed make)
9. PVC (type "C") insulated having FR properties copper conductor single core cable 4.0 sq. mm multi stranded ISI mark to IS: 694/2010 or latest and laying/drawing in laid recessed surface PVC conduit pipe for wiring/submain/main as required including connection, testing and commissioning as per site requirement.
10. Supply & Laying of PVC (type "C") insulated having FR properties copper conductor single core cable 0.75 sq. mm multi stranded ISI mark to IS:694/2010 or latest and laying/drawing in laid recessed surface PVC conduit pipe for wiring/submain/main as required including connection, testing and commissioning as per site requirement.
11. Supply & Laying of PVC (type "C") insulated having FR properties copper conductor single core cable 1.5 sq. mm multi stranded ISI mark to IS: 694/2010 or latest and laying/drawing in laid recessed surface PVC conduit pipe for wiring/submain/main as required including connection, testing and commissioning as per site requirement.
12. Supply and laying of PVC (type "C") insulated having FR properties copper conductor single core cable 2.5 sq. mm multi stranded ISI mark to IS: 694/2010 or latest and laying/drawing in laid recessed surface PVC conduit pipe for wiring/submain/main as required including connection, testing and commissioning as per site requirement.

13. Supply and fixing of PVC conduit pipe 25 mm (Medium) on surface conforming to IS:9537/Part-III/1983 (Latest Version) including supply of all accessories i.e. junction box, blend, etc. including making cc cutting, chase, plastering complete in all respect as per site requirement.
14. Supply and recessing/fixing of PVC Conduit pipe 32 mm (Medium) conforming to IS 9537/ Part III/1983 (Latest version) with accessories, junction box, bend etc. including making chase, plastering/ clamping, laying underground atleast 50 cm depth etc.
15. Supply & Installation of Ceiling rose 3 plate ISI mark to IS:371/1979 including connection, testing & commissioning.
16. Supply, installation, testing and commissioning of modular (inner + outer) combined cover plate 18 module white and flush metal box.
17. Supply, installation, testing and commissioning of modular (inner + outer) combined cover plate 12 module white and flush metal box size 8"x6", 12module.
18. Supply, installation, testing and commissioning of modular (inner + outer) combined cover plate 6 module white and flush metal box.
19. Supply, installation, testing and commissioning of Modular switches 6A (1way) suitable for 230 V, 50Hz, AC supply as per IS:3854/1997 (latest version) as per site requirement.
20. Supply, installation, testing and commissioning of Modular socket outlet 6A/10A, 5 pin as per IS:1293-1988 (latest version) suitable for 230 V, 50 Hz, AC supply as per site requirement.
21. Supply, installation, testing and commissioning of Modular switches 16A (1way) suitable for 230 V, 50Hz, AC supply as per IS:3854/1997 (latest version) as per site requirement.
22. Supply, installation, testing and commissioning of Modular socket outlet 6-16A, 3 pin as per IS:1293-1988 (latest version) suitable for 230 V, 50 Hz, AC supply as per site requirement.
23. Supply of modular 5 step fan regulator high speed suitable for BLDC fan 230V, 50 Hz Ac supply.
24. Supply, Installation, Testing and Commissioning of 25 Amp. MCB protected power unit comprising of suitable rating of plug, socket, 2 pole MCB, starter & polycarbonate board complete in all respect For AC Unit.
25. Supply, Installation, Testing and Commissioning of SPN MCB Distribution Board 8 Way double door made with 1.2mm thickness CRCA sheet fully powder coated of 50-70 micron with 01 No. MCB 02 Pole 40 Amp 10 KA 230V as incoming and 06 Nos. MCB of 6-20 Amp single pole 10 KA 230Volt as outgoing complete in all respect including connection as required
26. Supply and laying of ISI marked four core 70sq.mm circular armoured XLPE cables cross linked polyethylene and XLPE insulated PVC outer sheathed armoured with galvanised round steel wire or steel strip and aluminum conductor suitable for rated voltage at 1100 volt grade and conforming to IS: 7098 PartI/1988 with amdt. 1, 2 and 3 reaffirmed 2005 or latest.
27. Design, supply, installation, testing & commissioning of LT panel board with copper bus-bar 400 A, consisting with the following accessories :- (i) Panel board of MS sheet 1.6mm thick, re-enforcement with 2.5mm thick frame and channel arranging rakes and shelves of suitable size(ii) Incomer : MCCB 400A ,4 pole , 25KA -01 No. ,Multifunction Meter-1 Set, Indication lamp R,Y,B( LED ) (iii)Outgoing :MCCB 200A , 4 pole -01No, MCCB,100A 4 pole -02Nos,MCCB 63 A,4 pole -02Nos. Indication lamp R,Y,B( LED ).Breaking capacity 25KA for rated current >100A and 10KA for lesser rated current . LT Panel shall be manufactured in Confirming to IS- IS-60947 and IS/IEC 61439 Part-1, Part-2, Part-3 complete in all respect.
28. Supply, Fabrication, Installation, Testing &Commissioning of 200 A TPN bus-bar of length 300 mm made of copper strips suitable for 200 A, 6 Way capacity with all accessories including connection earthing the body complete in all respect.
29. Supply and Installation, of 10/16/20 Amp. SP MCB 10 kA.
30. Supply, Installation, Testing and Commissioning of Busbar Chamber System 100 A Rating Four Pole 4 way type conforming to IS:8623 and IS:2147 with latest version busbar layout stack layer type short circuit withstand capacity 35 KA Degree of protection IP 31 fabricated with sheet steel (CRCA) 1.6mm thickness and epoxy powder coated, bus bar section made of ETP grade copper dull tin plated with DMC support, Neutral

busbar fully rated, top and bottom end plate detachable suitable for 440 V 50HZ AC Supply complete in all respect.

31. Supply & Making Maintenance Free earthing arrangement complete in all respect as per CEE Specification.
32. Laying of a XLPE insulated power LT cable in DWC Pipe 1100-volt upto 4 core of sizes upto 120 mm sq. direct in ground at a depth of 1 Metre.
33. Work Completion period will be 2 Months from the date of LOA issued.
34. Warranty of work will be 12 Months from the date of completion of work.

#### **Tools and Equipment to be provided by Contractor-**

As required for the executing the subject work within specified time:

1. All Hand tools required for the work like hand blower, welding machine, drilling machine, grinder, cutting machine and also Megger, Tester, Clamp meter, spanners, screw driver Kits, hammers, Scrappers, wire brushes, Wire Cutter, Wire Crimping tool etc., The tools will be in the contractor's custody and the same may be taken back after completion of the contract period. All measurement tools and equipments must be properly calibrated and firm must keep record of calibration certificate.
2. If proper tools and equipment required for the work is not found on site during Ist & IInd Inspection, then a penalty of Rs. 500/- & Rs. 1000/- respectively will be imposed and deducted from running Bills/Security Deposit.
3. The firm shall arrange its own Forklift with driver and fuel for loading, unloading and transportation of heavy materials. No such equipments/machinery will be provided by the department.
4. Portable lighting Equipment for visibility during working, if required.
5. All Electrical Cables & Plugs required for execution of work.
6. Welding equipment along with welding cables, welding holders, welding face screens/Shields, Gas cutting sets with hoses, nozzles & Regulators.

#### **Work Force to be provided by Contractor-**

1. The Contractor has to provide manpower of atleast 8-10 workers (supervisors, skilled, semi-skilled and unskilled).
2. The contractor has to engage One full time responsible One Qualified Diploma Engineer to supervise the subject work. He should be provided with mobile and should immediately respond to calls given by the Railway Administration. If the contractor fails to employ the Qualified Diploma Engineer, as per provisions of Clause 26A.2 of the Indian Railway Standard General Conditions of Contract, contractor shall be liable to pay an amount of Rs. 20,000 for each month or part thereof for the default period for the provisions.
3. The contractor shall supply PPE's as per the latest Indian Standards and shall ensure wearing of the relevant PPEs by their workmen while carrying out the work without fail. The Contractor shall remain fully responsible for ensuring safety and in case of any accident, shall bear the cost of all damages to his/her/their equipment's & men and also damages to the Railway.

## **Special Conditions/activities of the contract: -**

1. It is responsibility of the tenderer to be familiar with all terms & conditions of Tender Document and Indian Railway GCC April 2022 with advance correction slips 1 to 11 or latest of rules & regulations issued by Railway Board will be applicable. (Correction Slips 1 to 11 attached)
2. **Electrical License:** - Tenderer should have valid 'A' Class Electrical Contractor License issued by electrical inspector of any State Government/Union Territory of India. If 'A' Class Electrical Contractor License has expired, tenderer should submit receipt of renewal of 'A' Class Electrical Contractor License issued by electrical inspector of License issuing authority as mentioned above. At the time of contract agreement, contractor must submit valid 'A' Class Electrical Contractor License issued by electrical inspector of License issuing authority as mentioned above else contract will be terminated without any information to successful tenderer. In case of non-submission of valid 'A' Class Electrical Contractor License / receipt of renewal of electrical contractor license along-with offer, their offer will not be considered VALID.
3. **Similar Nature of work-** NA
4. According to **Uttar Pradesh Factories Rules 1950**, The Contractor shall maintain the records of Form-16 (Nomination Form), Form-26 (Certificate of Fitness), Form-27 (Health Register), Form-15 (Leave Book), Form-14 (Leave with Wage Register) and Form-10 (Over Time Register) of all the workers employed by the Contractor for execution of this contract. Contractor shall have to produce these records immediately if required by SSE/Safety or Factory Inspector.
5. **Inspection Clause-** All materials costing more than 5 lakhs will be inspected by RITES or Consignee as authorized by DY.CEE/MWS/GKP before supply of the material. All remaining materials should be inspected by Consignee as authorized by Dy. CEE/MWS/GKP. All inspection charges would be borne by firm. No canvassing/communication will be entertained in this regard.
6. The Contractor shall carry out the electrical work as per IE Rules & Regulations and specification. Relevant IS specifications wherever applicable shall be followed.
7. All cables shall be properly crimped by using proper crimping socket. Crimping socket machine must be arranged by the firm own level.
8. All the main equipments for carrying out the work shall be procured from RDSO/ICF/RCF approved sources or OEM or their authorized distributor/dealer only. Similarly, for other spares components / consumables etc. should be procured from OEM or their authorized distributor/dealer only.
9. The work shall be carried out in accordance with the approved specification/drawing and other relevant standard of general electrical work as specified in tender by Engineer.
10. No wire/cable shall be visible. The workmanship shall be of highest standard.
11. Any other work not mentioned specifically but essential for completeness of the work shall be deemed to be included in the scope of work as per requirement of the site & shall be done by the contractor without any extra charges.
12. If any damage is caused as a result of execution of work, it shall be responsibility of the contractor to repairs & make good the loss properly at his own cost to the satisfaction of the Railway Administration/representatives.
13. Tool equipment, Electric drill machine, crimping machine and welding plant etc. for this work shall be arranged by the contractor at his own cost.
14. The Workman employed by the contractor/firm must be in proper uniform and must proper wear PPEs while working on the coach.
15. Before start of the work, the contractor will give a list of his workers who will execute the work, to whom the special gate passes/identity card will be given so that they can execute work inside/outside workshop.
16. While working, the contractor shall keep the site condition as it is and if any damaged to any part of the site is observed on account of contractor, the same will be rectified/replaced by the contractor.
17. **The completion period for the work is 2 Months from issue of Letter of Acceptance.**
18. **The warranty of the work after date of completion will be 12 months unless stated specifically otherwise.**

19. The released material if any from site shall be deposited to concerned shop store.
20. The contractor ensures payment of minimum wages etc. to labour engaged by him and follow the all labour rules. The contractor shall be responsible for employment of its labour and be liable for observance of all statutory provision of Government. No claim for employment of labour so engaged by the contractor in Railway whatsoever ground shall be entertained.
21. As per Railway Board Letter No. F(X)I/95/1/1 dt. 07.09.2021, Conservancy Cess Charges shall be deducted from progressive bills for the number of labourers employed per month by the contractor to successfully execute the work.
22. The contractor shall be fully responsible for his staff engaged for work. Police character verification of each staff shall be done by contractor and related documents will be submitted before execution of the work.
23. Tool & Plants: No T&P will be supplied by Railway. All tools, equipments, machinery, material, and labour required for this work will be arranged by the contractor at his own cost.
24. The contractor shall undertake all safety measures during the course of work and shall be responsible for any losses or deficiencies occurring during the course of execution of work. If any defect occurred due to faulty workmanship during and after the work, the contractor shall be liable to pay the fine as per the GCC April 2022 with all advance/latest correction Slips.
25. The contractor shall intimate day to day progress to Dy.CEE/WS/GKP or his authorized representative and shall keep liaison with Consignee.
26. The firm shall abide by the completion period of the work & complete the same within the stipulated time period.
27. The contractor shall perform the activities of scope of work in any time frame/shift as per the requirement of shop floor or as directed by Dy.CEE/WS/GKP.
28. **Electric supply from the Railway System:** The railway may supply to the contractor part or whole of the electric power wherever available and possible, required for execution of works from the Railway' existing electric supply system at or near the site of works on specified terms and condition and such charges as shall be determined by the railway and payable by the contractor provided the cost of arranging necessary connection to the Railway's electric supply system and laying of underground/overhead conductor, circuit protection, electric power meters, structure, shall be borne by the contractor and that the contractor shall not been titled to any compensation for interruption or failure of the electric supply system.
29. Railway will recover the amount of tax, if any, is added to the output tax liability of Railway due to non-payment by the contractor/vendor/supplier and EMD/Performance guarantee shall be released only after confirmation of GST ITC availability. in case of any loss of GST ITC due to Railway on account of the Vendor's default, shall be recovered from the bills of supply of goods/services of the Vendor.
30. Railway will not provide any kind of accommodation/food/travelling facility/railway pass etc. for contractor/contractor's staff.

### **31. Penalty Clause**

- i) Agreed Damages: Agreed damages for delay on overall work shall be charged for each week or part of the week on the total value of the contract according to clause 17-B of GCC and it shall be deducted from the contractor's bill for delaying completion of work by Dy.CEE/Ws. (GCC Part-II, Clause no. 17, 17- A & B).
- ii) The decision that whether delay in execution of activity is on account of Railways/Contractor shall be taken by Railways and shall be binding on Contractor.
- iii) Contractor staff must be in proper dress, I-Card, PPEs. During inspection of work if the staff deployed are found without using PPE's, special agreed damages will be recovered @ Rs.500/- per inspection in one working day or as decided by Dy.CEE/MWS/GKP from contractor's monthly bill.
- iv) Penalty imposed by govt. authorities due to non-compliance of the statutory provision of laws, shall be liable to be paid by the contractor. Railway shall not pay or reimburse this penalty to the contractor.
- v) If damage to Railway components/material/machines/tools occurred during contract work, due to Contractor's workmanship or negligence, cost of same components/ material/ machines/tools as deemed suitable by Dy.CEE/WS may be deducted from Contractor's running bill.
- vi) All defects and deficiencies during guarantee period advised to the contractor shall be attended to by him promptly as may be stipulated by the Engineer. If the contractor fails to attend and arrange repair/rectification

within 48 hours of intimation through letter by hand delivery/Registered Post/Whatsapp/SMS/E-mail during the warranty period, Railway shall be free to get the repairs done through departmental labour or through any other sources at contractor's expenses without prejudice to the other remedies available under the contract by deducting material & labour cost of particular item which is failed or a penalty of Rs. 1500/- per day, whichever is higher. Penalty will be imposed and deducted from the submitted security deposit/running bills as decided by the competent authority.

- vii) Commencement of work should be within 15 days from the date of issue of LOA, else the penalty of maximum Rs. 500/- per day would be imposed till the commencement of work. The penalty will be deducted from their Monthly bill/Security Deposit.
  - viii) If proper tools and equipment required for the work is not found on site during Ist & IInd Inspection, then a penalty of Rs. 500/- & Rs. 1000/- respectively will be imposed and deducted from running Bills/Security Deposit.
  - ix) Dy.CEE/WS shall have the discretion for waiver/reduction of penalty on case to case basis, depending on merit of each case, subject to submission of convincing and relied reason by the contractor & SSE.
- 32. In case of any difference found in any of the terms and conditions given in GCC and special conditions given in the tender documents, the special conditions of tender documents shall prevail.
  - 33. In case of any disputes, doubts or contradictions in the tender document, the final decision shall be of Dy.CEE/WS/GKP which shall be binding on both the parties i.e. consignee as well as the contractor.
  - 34. Competent Authority of Railway have the right to terminate the Contract if the work is not found satisfactory. The railway reserves the right to increase/decrease, delete any items of the schedule depending upon the actual working conditions.
  - 35. The jurisdictions for settlement of any disputes arising out of the contract shall be restricted to MWS/GKP jurisdiction only.

**Note-** The bidder will submit all the prescribed formats as given in Annexure G, H, I, J, K and M.

**ANNEXURE – ‘ G ’**

[illegible]

Signature of tenderer  
Along with seal

## ANNEXURE – ‘ H ’

[illegible]

22

### ANNEXURE – ‘ I ’

[illegible]

Signature of tenderer  
Along with Seal

**NORTH EASTERN RAILWAY**  
**[ELECTRICAL/GENERAL DEPARTMENT]**

## ANNEXURE – ‘J’

### LIST OF ARBITRATION CASES DURING PREVIOUS SEVEN YEARS.

[illegible]

Signature of Tenderer  
Along with Seal

**Annexure-K**

**Constitution of Firm**

1. Full name of contractor/s construction firm and year of establishment.
2. Registered Head Office Address.
3. Branch Office in India.
- 4 Address on which correspondence regarding this tender should be done.
5. Constitution of firm, give full details including name of partners/executives/power of attorney /holders etc.

**Annexure "M"**

Certificate

[In case of Partnership/LLP firm or In case one or more of the members of the JV is/are partnership/LLP firm(s)]

It is to certify that Partnership Deed/LLP Agreement Dated ..... is our latest Partnership Deed/LLP Agreement & No other changes has been made after this Partnership Deed/LLP Agreement.

(Sign by All Partners/Power of attorney holder)

**END OF TENDER DOCUMENT**