

**AGRA DIVISION-ELECTRICAL/NORTH CENTRAL RLY
TENDER DOCUMENT**

Tender No: AGC-ELG-T-08-2018-19

Closing Date/Time: 15/02/2019 16:00

Sr. DEE/G/AGC acting for and on behalf of The President of India invites E-Tenders against Tender No AGC-ELG-T-08-2018-19 Closing Date/Time 15/02/2019 16:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

Contractors are allowed to make payments against this tender towards tender document cost and earnest money only through only payment modes available on IREPS portal like net banking, debit card, credit card etc. Manual payments through Demand draft, Banker cheque, Deposit receipts, FDR etc. are not allowed.

1. NIT HEADER

Name of Work	Agra Cantt:- Design, Supply, and installation of Automatic Coach washing plant at coaching depot, Agra Cantt.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	15/02/2019 16:00	Date Time Of Uploading Tender	09/01/2019 16:34
Pre-Bid Required	No	Pre-Bid Query Date Time	Not Applicable
Advertised Value		Tendering Section	SR DEE G
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	41900.00	Validity of Offer (Days)	90
Tender Doc. Cost (Rs.)	3000.00	Period of Completion	6 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	01/02/2019	Are Joint Venture (JV) firms allowed to bid	No
Ranking Order For Bids	Lowest to Highest		

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Estimated Amount	Bidding Unit
Schedule A-Agra cantt -Design, supply and installation of Automatic coach washing plant at Coaching depot, Agra Cantt								
1	1	22.00	Numbers	475.48	10460.56	AT Par	10460.56	
	Item Description:- Supply, erection, Testing & Commissioning of concealed wiring point with material fixing and providing the Light/FTL/C.Fan/E.Fan concealed wiring point with 2.5 Sq.mm PVC insulated and sheathed multistrand copper wire 1100 V grade, single core with 1.5sq.mm. PVC insulated copper conductor for continuous earthing in recessed steel/PVC conduit pipe 25mm. 1.6mm.thick dia bend, junction box etc. with ceiling rose batten holder, flush type 5A. switches mounted on white laminated phenolic sheet 3mm. thick cover on front of MS box made of 18 S.W.G. MS sheet of suitable size complete with replastering of wall if required wiring to be done in separate circuit. (Concealed wiring to be done on walls and roof if RCC roof is already constructed surface through PVC casing capping good quality double lock type wiring may be done.)							
2	2	12.00	Numbers	233.52	2802.24	AT Par	2802.24	
	Item Description:- Supply of material for fixing and providing 5 pin socket outlet point (3 pin + 2 pin) 5-A/230 V. with flush type 5 Amp. Socket combined type with switch in concealed wiring by 2.5 Sq. mm. PVC insulated multistranded copper wire single core 1100 V. Gr. in recessed steel conduit pipe 25 mm. dia & 1.6mm. thickness with 5 Amp./230 V. flush type switch fixed on white phenolic laminated sheet 3mm. thick cover on front of MS box of suitable size complete including 1.5 Sq. mm. PVC insulated copper conductors for earthing and replastering of wall.							
3	3	12.00	Numbers	1101.03	13212.36	AT Par	13212.36	
	Item Description:- Supply, Erection, Testing & Commissioning of material and providing concealed wiring point of 3 pin power socket 20 Amp./230 V in sheet steel enclosure with 20 Amp. Single pole MCB-SP, 3 pin metal plug and wiring by 6 sq. mm. PVC insulated multistranded copper wire single core in recessed steel PVC conduit pipe 25 mm. 1.6mm. thick dia with 1.5 sq. mm. PVC insulated copper wire complete with band, MS Junction Box etc. complete with replastering of wall. (Separate circuit to be drawn from SDB.)							
4	4	2.00	Numbers	1176.09	2352.18	AT Par	2352.18	
	Item Description:- Supply,Erection,Testing & Commissioning of Ceiling Fan 1400mm.sweep with suitable downrod as per site requirement up to 01 Mtr.long and MS flat size 50x5 mm. clamp of suitable size with Fan Hook, nut ,bolt etc.& connection shall be taken with twin cord flexible PVC insulated copper wire of size 48/0.2mm Running through medium PVC flexible pipe.							
5	5	20.00	Numbers	619.90	12398.00	AT Par	12398.00	
	Item Description:- Supply, erection, Testing & Commissioning of energy efficient luminaire complete with all accessories/components 18/20 watt, 04 feet LED tube light fitting & Tube with suitable current control driver circuit, suitable for surface mounting and connection with PVC copper flexible wire of 23/76 as per Rly. specification attached							

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TENDER DOCUMENT**

Tender No: AGC-ELG-T-08-2018-19

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6	6	2500.00	Metre	44.55	111375.00	AT Par	111375.00
	Item Description:- Excavation of cable trench:- This item shall be operated in conformity with IS:1255 (latest version) i.e. code of practice for installation and maintenance of HT/LT cables. The price shall cover cost of excavation of cable trench in all type of soil for laying LT cables and back filling the same with sieved earth and finishing the surface in its original condition after providing sand, & bricks in cross position. For LT/HT cables the trench shall be 600mm wide x 1000mm deep. In trench the cable shall be covered with river sand at a depth of 100mm below the cable and 100mm above the cable than placing well-burned bricks continuously in cross-position through out the cable route in the ground. The bottom of the trench should level free from stones and sharp edge of rocks etc. At the termination a loop of 5 meter (approx) cable shall be kept as allowance and loops rings be formed as per the site condition, in the ground, The cost shall include the cost of all materials i.e. sand, bricks, cable route markers (grouted in the earth firmly with cement concrete so that it can not be uprooted by miscreants) etc at 25m. interval and each turn of the cable.						
7	7	150.00	Metre	1656.93	248539.50	AT Par	248539.50
	Item Description:- Horizontal boring of cable duct at 1.4 to 2.1 mtr.depth from the bottom of sleeper / ground lable and laying of 120 mm dia HDPE DWC pipes for cable crossing under track/ road .The work shall be done as per extant practice and instruction of site engineer.It includes supply of DWC/HDPE pipes conforming to IS14930(Part:2:2001)						
8	8	1200.00	Metre	97.18	116616.00	AT Par	116616.00
	Item Description:- Supply, Erection, Testing & Commissioning of LT cable 2 core 16 Sq. mm. 1.1 KV grade LT - XLPE insulated, PVC insulated aluminum conductor multistrand steel armored cable to be laid underground or on wall with cleating and saddles with proper size aluminum lug duly crimped.						
9	9	500.00	Metre	119.58	59790.00	AT Par	59790.00
	Item Description:- Supply, Erection, Testing and commissioning of LT cable 4 core 25 Sqmm 1.1 KV grade LT-XLPE insulated, steel Armoured with Galvanized steel strip cable with Aluminum conductor multistrands crimped with proper Aluminum Lugs						
10	10	600.00	Metre	117.02	70212.00	AT Par	70212.00
	Item Description:- Supply, Erection, Testing & Commissioning of LT cable 4 core 35 Sq.mm 1.1 KV grade LT-XLPE insulated PVC outer sheathed armored with galvanized round steel strip cable with aluminum conductor rated voltage of 1100 v in cable trench conforming to IS-7098/(PT-1)/88 crimped with proper aluminum lug or cleating on wall with MS Shaddle clamp if required complete with end termination kit.						
11	11	200.00	Metre	302.72	60544.00	AT Par	60544.00
	Item Description:- Supply, Laying, testing and commissioning of LT cable 4 core 120 Sq.mm 1.1 KV grade LT-XLPE insulated PVC outer sheathed armored with galvanized round steel strip cable with aluminum conductor rated voltage of 1100 v in cable trench conforming to IS-7098/(PT-1)/88 crimped with proper aluminum lug or cleating on wall with MS Shaddle clamp if required						
12	12	500.00	Metre	569.04	284520.00	AT Par	284520.00
	Item Description:- Supply, Erection, Testing ,Laying, and commissioning of HT.3 core 70 Sq.mm 11 KV grade XLPE cable stranded aluminum conductor steel armoured power cable with conductor screening and insulated with XLPE of normal colour as per IS 7098 (Part II) with laying under ground including connecting, and energizing.						
13	13	4.00	Set	14193.30	56773.20	AT Par	56773.20
	Item Description:- Supply, Erection, Testing ,Laying, and commissioning of HT cable termination box kit for 3x70 sq.mm cable of relevant IS.						
14	14	12.00	Set	6374.59	76495.08	AT Par	76495.08
	Item Description:- Supply, Erection, Testing and Commissioning of hot dip galvanized octagonal pole 5 Mtr. long confirming to IS 2629/BSEN ISO 1461 or equivalent including casting, muffing with cement concrete foundation (1:2:4) painting, earthing etc. the pole shall be complete with holes, Anchor bolts, bottom plate etc. As per Tech. Specification/site requirement, IS/IE rules of Double Arm type with 1.5 feet to 2 feet long type						
15	15	12.00	Numbers	1746.04	20952.48	AT Par	20952.48
	Item Description:- Supply, Erection, Testing and commissioning of LED Street light outdoor type 24/25W pressure die cast aluminium (PDC) body with make embosed on PDC body, polycarbonate prismatic diffuser all components of single make as per relevent IS with bracket complete with GI Pipe A Class (1M Long) , Bracket MS clamp (25X5mm) and connection with PVC single core multi stranded flexible copper wire size (2.5 Sqmm) and painted with Al. paint 220V-240V AC 50 Hz. The technical parameters will generally conform to relevent Railway Specification attached Annexure-II						
	16	2.00	Job	129243.21	258486.42	AT Par	258486.42

**AGRA DIVISION-ELECTRICAL/NORTH CENTRAL RLY
TENDER DOCUMENT**

Tender No: AGC-ELG-T-08-2018-19

Closing Date/Time: 15/02/2019 16:00

16	Item Description:- Supply, Erection, Testing and Commissioning of LT Panel Board Six way fabricated floor mounted indoor type made of MS sheet 14 SWG complete floor mounted front operated, mounted on MS channel 75x40x3 mm. painting by one coat of red oxide primer with two coats of approved synthetic enamel paint complete with top/bottom removable gland as required double compression type cable glands earth bus, hinged and lockable doors, dust and vermin proof complete with all inter connections with aluminum of 2500 A capacity Bus Bar for Consisting of the following Items. MCCB - FP - 50 KA -400Amp. = 01 No. for incoming side MCCB - FP - 35 KA - 200Amp. = 02 Nos. for out going side MCCB - FP - 35 KA - 100 Amp. = 04 Nos. for out going side Panel board 06 way . + Volt meter range 0 -600 V.digital type electronic size 96 X 96 mm. - 01 No. + digital type electronic Amp. Meter range 0 - 400 Amp. Size 96 X 96 mm+ LED indicator Lamp. -03 Nos. Note- main distribution Board shall be mounted on masonry post at least 2 feet in height from ground level to avoid submerging in rains						
17	17	1200.00	Metre	78.67	94404.00	AT Par	94404.00
	Item Description:- Supply, Erection, Testing and Commissioning of sub main consisting of 2x4 Sq. mm (P & N) PVC insulated and sheathed copper wire multistranded single core 1.1 KV grade alongwith 1.5 Sq. mm PVC insulated copper wire 1.1 KV grade for earthing. (Quantity 1 Mtr. Equal to 02 Nos., wire of 4 Sq.mm of 01 Mtr.each. and 01 No. earth wire 1.5 Sq. mm. of 01 M) (No cable joint is permitted inside the MS conduit pipe cable should be jointed with cable connectors inside the switch board).						
18	18	4.00	Set	33850.93	135403.72	AT Par	135403.72
	Item Description:- Supply ,Erection, Testing & commissioning of 11KV.200Amp.triple pole Gang operated GO switch with Dropout fuse and operating rod fixing existing on 4 pole structure with all fixtures.						
19	19	130.00	Metre	252.59	32836.70	AT Par	32836.70
	Item Description:- Supply, Erection, Testing and Commissioning of GI pipe 'B' class of minimum 50 mm. dia, suitable for cable protection or underground rail/road crossing with fixing clamp at least 03 Nos. for one pipe of MS flat of 50 x 6 mm. size clamp duly Aluminum painted						
20	20	6.00	Numbers	10111.63	60669.78	AT Par	60669.78
	Item Description:- Supply, Erection, Testing & Commissioning of constructed, Installation Testing and Commissioning of Maintenance Free Earth as per RDSO Spec.No.RDSO/SPN/197/2008 or latest consisting the following , A) Copper bonded steel electrodes of 3.0 meter long & 17.2mm.dia with Cu-bonding thickness of min.250 microns and UL listed and marked=1No. B) Earth enhancement material supplied in sealed bags of min.10Kgs.=3Nos. C) Copper strip 150x25x6 mm. to terminate earth rod=1No. D) Copper strip 300x25x6 mm. Main LT panel board to terminate earth rod =1No E) Copper strip 150x25x6 mm. Sub distribution board to terminate earth rod =1No F) Digging the earth to the required depth G) Insertion of electrode H) Filling of earth enhancing compound (30Kg.) -provision of exothermic weld connection on copper tape of 25mmx6mm.x150mm.to the earth electrodes all the materials, tools and features required for the weld to be arranged by the contractor-1No. Note:-Earth pit should be prepared as per RDSO. DRG. No.SDO/RDSO/L&B/001 I) Provision of Exothermic weld connection in copper tape 25mm.x6mm.x150mm. to the earth electrodes . All material, tools and features requires for the weld to be arranged by the contractor J) Provision of Exothermic weld connecting ,One to connect 35 Sq.mm multistranded single core PVC insulated copper cable to the copper tape welded to the earth electrode and another to the copper tape (Main LT panel board) to be fixed inside the equipment apparatus room,weld materials, tools and features and all other materials requires for the weld to be arranged by the contractor K) Electrode termination in a concrete sink and routing the cadmium cable to bus bar in equipment room (all other materials required for the work shall be brone by the contractor Note:- Earth resistance should be less than One Ohm. L) MDB & SDB are to be installed in equipments/Panel room and earth connections to equipments cables extended from LT panel board and Sub distribution board as the case may be .						
21	21	2.00	Job	10964.80	21929.60	AT Par	21929.60
	Item Description:- Supply, Erection, Testing & Commissioning of 250A. switch disconnecter fuse unit (Panel mounting cubicle type) three pole & neutral AC -23A, 50Hz, 415V. 250A. Rating In Sheet Steel Encl. with 3Fuses HSN code 8537						
22	22	2.00	Job	6248.00	12496.00	AT Par	12496.00
	Item Description:- Supply, Erection, Testing & Commissioning of 125A. switch disconnecter fuse unit (Panel mounting cubicle type) three pole & neutral AC -23A, 50Hz, 415V. 125A. Rating In Sheet Steel Encl. with 3Fuses HSN code 8537						
23	23	2.00	Numbers	9800.00	19600.00	AT Par	19600.00
	Item Description:- Supply of Water dispenser (Usha) floor mounted Normal standing design with 14 liter refrigerator at bottom, 3 temperature taps - Hot, plain and cold. 3 liter cooling and 5 liter heating capacity per hour. Body made of ABS plastic and tank made of Food grade stainless steel. Heavy duty bottle piercer with bottle holder.						
24	24	1.00	Set	40197.30	40197.30	AT Par	40197.30
	Item Description:- Supply, Erection, Testing & Commissioning of 04 pole structure with clamp, nut bolt, busbar etc. 'c' channel length 60M. (04 Nos. Rail Pole supplied by railway to contractor)						
25	25	200.00	Numbers	1349.04	269808.00	AT Par	269808.00

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TENDER DOCUMENT**

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Closing Date/Time: 15/02/2019 16:00

Item Description:- Supply, Erection, Testing & Commissioning of energy efficient luminaire 30W, LED flood light, IP65 (5year warranty) (GLYNC-TIN30) complete with all accessories/components

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

5. COMPLIANCE

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Variations of costs. - Labour and Material (Escalation clause)- Clause 60 of General conditions of contract viz. Variations of costs labour and material and shall not be applicable to this contract.	No	No	Not Allowed
2	Period of completion- The Railway expects that contractor should be able to complete the work in all respects within a given time after contract is awarded. Which may be extended in the interest of Railway being a service contract.	No	No	Not Allowed
3	Payment condition:- Running payment may be released subject to the satisfactory physical progress of the work at site All Taxes will be deducted from the payment by the Railway as per extent rule. This being a work contract, rates should be inclusive of all tax/surcharge liabilities. Payment will be made through EFT/ECS of work accepted by the Railway. The rates shall remain unchanged throughout the contract period. No octroi is payable. However, a certificate may be issued to the effect that material is for Railway use.	No	No	Not Allowed
4	Tenderer may carefully note that there contract agreement for this work is liable to terminated at any time later, in case any of the information furnished by them is found untrue or any adverse points come to lights subsequently. The decision of railway in this regard shall be final and binding. Only those firm, which in their individual capacity or along with their constituent unit forming legal valid associations/Joint ventures (these associations joint ventures should be in existence formed prior to submission of tender) need to be quoted for this tender.	No	No	Not Allowed
5	General condition of contract (GCC) adopted by the civil engineering department of North Central Railway as amended from time to time is applicable for this contract also. The general condition of contract will mean the General Condition of Contract as amended and/or corrected from time to time and obtaining at the time of accepting of the tender and or at the time of execution of the agreement. it should be the responsibility of the contractor before submitting his tender and again before entering into said agreement to ascertain all amendments and/ or correction made to the said general conditions of contract.	No	No	Not Allowed
6	Tender will submitted invoice showing GST rate at the time of billing.	No	No	Not Allowed
7	Please submit your bank details i.e.Name of the Bank along with Bank Branch Code, IFSC Code, Beneficiary name, Account Number, Type of account, PAN and GSTN Number.	No	No	Allowed (Mandatory)
8	Penalty, for delay in execution of work beyond the period will be levied and recovered from the payment due to the contractor at the rate of ½ % of total value of contract for each week's delay in work and as per the condition mentioned in General condition of contract (GCC) except when the extension in completion period is granted by Railway for genuine reasons to be given in writing by the contractor such an extension should be obtained before expiry of normal period of completion. If the progress of work is not considered satisfactory by Rly. contract may be terminated with forfeiture of security deposit	No	No	Not Allowed
9	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

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General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer shall hold the offer open upto 90 days. It is understood that the tender document have been sold/issued to the tenderer and the tenderer is being permitted to tender in consideration of the stipulation on his part that after submitting his tender, he will not resale from his offer or modify the terms and conditions therefore in a manner not acceptable to the Chief Engineer/Divisional Engineer/District Engineer of the North Central Railway. if the tender is accepted the amount of earnest money will be held as security deposit for the due and faithful fulfillment of the contract. The earnest money of the unsuccessful Tenderer will as therein-before provided be returned to the unsuccessful tenderers but the Railway shall not be responsible for any loss or depreciation that may happen to the security for the due performance of the stipulation to keep the offer open for the period specified in the tender document or to the earnest money while in their possession, nor be liable to pay interest thereon.	No	No	Not Allowed
2	It shall not be obligatory on the said authority to accept the lowest tender and no Tenderer/tenderers shall demand any explanation for the cause of rejection of his/their tender.	No	No	Not Allowed
3	If a Tenderer expires after the submission of his tender or after the acceptances of his tender, the Railway shall deem such tender as cancelled. If a partner of a firm expires after the submission of their tender or after the acceptance of their tender, the Railway shall deem such tender as cancelled unless the firm retains its character.	No	No	Not Allowed
4	The authority for the acceptance of the tender will rest with the Sr.DEE/G/AGRA/Engineer-in-chief/Deputy Chief Electrical Engineer/ADRM/DRM/Agra, North Central Railway who does not bind himself to accept the lowest or any other tender not does he undertake to assign reasons for declining to consider any particular tender or tenders.	No	No	Not Allowed
5	The successful Tenderer/Tenderers shall be required to execute an Agreement with the President India acting thought the Sr.Div. Electrical Engineer (G), Agra/ Div. Electrical Engineer(G), Agra of the Railway, for carrying out the work according to the general Conditions of Contract and Specification work and Materials of Central Railway.	No	No	Not Allowed
6	The tender shall keep the offer open for minimum period of 90 days from the date opening of the tender within which period the tenderer cannot withdraw his offer subject to the period being extended further if required by mutual agreement from time to time. Any contravention of the above condition will make the tender liable for forfeiture of his earnest money.	No	No	Not Allowed
7	The special condition appointment the condition of tenders and contracts, the General Condition Contract and the notes appearing under the relevant chapters and sub-chapters of the standers schedule of Rates, 1976 and should be considered a part contract agreement documents. Where the provisions of these conditions are at variance with the general conditions of the contract, these special conditions shall prevail.	No	No	Not Allowed
7.1	A. The General Conditions of contract will mean the General Condition of Contract as amended and/or corrected from time to time and obtaining at the time of accepting of the tender and at the of execution of the agreement mentioned in clause 15 under conditions of tender. It should be the responsibility of the contractor before submitting his tender and again before entering into said agreement to ascertain all amendment and/or correction made to the said general conditions of contract.	No	No	Not Allowed
8	EXECUTION OF CONTRACT AGREEMENT:- The successful tenderers shall be required to deposit performance Guarantee and sign contract agreement with railway within 30 days of issue of acceptance letter of his offer.	No	No	Not Allowed

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TENDER DOCUMENT**

Tender No: AGC-ELG-T-08-2018-19

Closing Date/Time: 15/02/2019 16:00

9	<p>SECURITY DEPOSIT:- The earnest money deposited by the contractor with his tender will be retained by the railways as part of security for the due and faithful fulfillment of the contract by the Contractor. The balance to make up the security deposit the rate which are given below may be deposit by the contractor in cash or may be recovered by percentage deduction from the contractor's "on Account" bills. Provided also that in case of defaulting contractor the Railway may retain any amount due for payment to the Contractor on the pending "on account bills" so that the amount so retained may not 10% of the total value of the contract.</p>	No	No	Not Allowed
9.1	<p>Unless otherwise specified in the special conditions, if any, the security deposit / rate of recovery / mode recovery shall be as under:- a) Security Deposit for each work should be 5% of the contract value. b)The rate of recovery should be at the rate of 10% of the bill amount till the full security deposit is recovered. c)Security Deposits will be recovered only from the running bills of the contract and no other mode of collecting SD such as SD in the form of instruments like BG, FD etc. shall be accepted. towards security deposit The security deposit, however, shall be released only after the expiry of the maintenance period Nil and after passing the final bill based on "No Claim Certificate" 3)No interest will be payable upon the Earnest money and Security Deposit or amounts payable to the contractor under the contract.</p>	No	No	Not Allowed
10	<p>PERFORMANCE GUARANTEE (PG): Revised clauses 16(4) to IR General Condition of contract vide Rly. Board L.N. 2007/CEI/CT/18 P+XII dt. 31-12-2010. A)The successful bidder shall have to submit a performance guarantee (PG) within 30 (Thirty) days from the date of issue of letter of acceptance (LOA).Extension of time for submission of PG. beyond 30 (Thirty) days and up to 60 days from the date of issue of LOA may be given by the authority who is competent to sign the contract agreement. However, a penal interest of 15% per annum shall be charged for the delay beyond 30 (Thirty) days ie. from 31st day after the date of issue of LOA. In case the contractor fails to submit the requisite PG. even after 60 days from the date of issue of LOA, the contractor shall be terminated duly forfeiting EMD and other dues, if any payable against that contract .The failed contractor shall be debarred from participating in re-tender for that work.</p>	No	No	Not Allowed
10.1	<p>The successful bidder shall submit the performance guarantee (PG) in any of the following forms, amounting to 5% of the contract value. i) A deposit of Cash, ii) Irrevocable Bank Guarantee, iii) Government Securities including state loan Bonds at 5 percent below the market value, iv) Deposit Receipts, Pay Orders, Demand Drafts and Guarantee Bonds. These forms of Performance Guarantee could be either of the State Bank of India or of any of the Nationalized Banks; v) Guarantee Bonds executed or Deposits Receipts tendered by all scheduled Banks; vi) A Deposit in the Post office Saving Bank; vii) A Deposit in the National Savings Certificates; viii) Twelve years National Defense Certificates; ix) Ten years Defense Deposits; x) National Defense bonds; and xi) Unit trust Certificate at 5 Percent below market value or at the face value whichever is less. Also FDR in favour of Sr.DFM/NCR/Agra (Free from any encumbrance) may be accepted. Note: The instruments as listed above will also be acceptable for Guarantees in case of Mobilization advance.</p>	No	No	Not Allowed
10.2	<p>The Performance Guarantee shall be submitted by the successful bidder after the letter of acceptance has been issued, but before signing of the agreement. This P.G. shall be initially valid up to the stipulated date of completion plus 60 days beyond that. In case, the time for completion of work gets extended the contractor shall get the validity of performance guarantee extended to cover such extended time for completion of work plus 60 days.</p>	No	No	Not Allowed
10.3	<p>The value of PG to be submitted by the contractor will not change for variation up to 25% (either increase or decrease) .In case during the course of execution , value of the contract increase by more than 25% of the original contract value ,an additional performance guarantee amounting to 5% (five percent) for the excess value over the original contract value shall be deposited by the contractor .</p>	No	No	Not Allowed
10.4	<p>The performance guarantee (PG) shall be released after the physical completion of the work based on the "Completion Certificate" issued by the competent authority stating that the contractor has completed the work in all respects satisfactorily. The security deposit shall, however, be released only after the expiry of the maintenance period and after passing the final bill based on "No claim certificate" from the contractor.</p>	No	No	Not Allowed

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10.5	Whenever the contract is rescinded, the security deposit will be for forfeited and the Performance Guarantee will be encashed. The balance work shall be got done independently without risk & cost of the failed contractor. The failed contractor shall be debarred from participating in the tender for executing the balance work .If The failed contractor is a JV or a partnership firm, then every member /partner of such a firm shall be debarred from participating in the tender for the balance work in his/ her individual capacity or as a partnership firm.	No	No	Not Allowed
10.6	The engineer shall not make a claim under the Performance Guarantee except for amounts to which the President of India is entitled under the contract (not withstanding and /or without prejudice to any other provisions in the contract agreement) in the event of: (I) Failure by the contractor to extend the validity of the Performance Guarantee as described herein above ,in which event the Engineer may claim the full amount of the Performance Guarantee. (II) Failure by the contractor to pay President of India any amount due, either as agreed by the contractor or determined under any of the clause / conditions of the agreement, within 30 days of the service of notice to this effect by Engineer. (III) The contract being determined or rescinded under provision of the GCC. The Performance Guarantee shall be forfeited in full and shall be absolutely at the disposal of the President of India. New clause 42(4) to Indian Railway General Conditions of contract (Ref: Item -9 to Railway Board's letter no. 2007/CE-I/CT/18, dated 28-09-2007 and item no. 2 to letter no. 2007/CE-I/CT/18 pt. XII. Dated 31-12-2010)	No	No	Not Allowed
11	Variation in quantities: The procedure detailed below shall be adopted for dealing with variations in quantities during execution of works contracts: 1.1. Individual NS items in contracts shall be operated with variation of plus or minus 25% and payment would be made as per the agreement rate. For this, no finance concurrence would be required. 1.2. In case an increase in quantity of on individual item by more than 25% of the agreement quantity is considered unavoidable, the same shall be got executed by floating a fresh tender. If floating a fresh tender for operating that item is considered not practicable quantity of that item may be operated in excess of 125% of the agreement quantity subject to the following conditions:	No	No	Not Allowed
11.1	Operation of an item by more than 125% of the agreement quantity needs the approval of an officer of the rank not less than S.A. Grade, i)Quantities operated in excess of 125% but upto 140% of the agreement quantity of the concerned item, shall be paid at 98% of the rate awarded for that item in that particular tender. ii)Quantities operated in excess of 140% but upto 150% of the agreement quantity of the concerned item, shall be paid at 96% of the rate awarded for that item in that particular tender. iii)Variation in quantities of individual items beyond 150% will be prohibited and would be permitted only in exceptional unavoidable circumstances with the concurrence of associate finance and shall be paid at 96% of the rate awarded for that item in that particular tender. a.The variation in quantities as per the above formula will apply only to the Individual items of the contract and not on the overall contract value. b.Execution of quantities beyond 150% of the overall agreement al value should not be permitted and, if found necessary, should be only through fresh tenders or by negotiating with existing with existing contractor, with prior personal concurrence of FA & CAO/FA & CAO (C) and approval of General Manager.	No	No	Not Allowed
11.1.1	In cases where decrease is involved during execution of contract: a)The contract signing authority can decrease the items up to 25% of individual item without finance concurrence. b)For decrease beyond 25% for individual items or 25% of contract agreement value, the approval of an officer not less than rank of S.A. Grade may be taken, after obtaining 'No Claim Certificate' from the contractor and with finance concurrence, giving detailed reasons for each such decrease in the quantities. c)It should be certified that the work proposed to be reduced will not be required in the some work.	No	No	Not Allowed
11.1.2	The limit for varying quantities for minor value items shall be 100% (as against 25% prescribed for other items). A minor value item for this purpose is defined as an item whose original agreement value is less than 1% of the total original agreement value. No such quantity variation limit shall apply for foundation items.	No	No	Not Allowed

**AGRA DIVISION-ELECTRICAL/NORTH CENTRAL RLY
TENDER DOCUMENT**

Tender No: AGC-ELG-T-08-2018-19

Closing Date/Time: 15/02/2019 16:00

11.1.3	. As for as SOR items are concerned, the limit of 25% would apply to the value of SOR schedule as a whole and not on individual SOR items. However, in case of NS items, the limit of 25% would apply on the individual items irrespective of the manner of quoting the rate (single percentage rate or individual item rate). For the tenders accepted at Zonal Railways level, variations in the quantities will be approved by the authority in whose powers revised value of the agreement lies. For tenders accepted by General Managers, variations up to 125% of the original agreement value may be accepted by General Manager.	No	No	Not Allowed
11.1.4	For tenders accepted by Board Members and Railway Ministers, variations up to 110% of the original agreement value may be accepted by General Manager. The aspect of violation of tender with respect to variation in quantities should be checked and avoided. In case of violation of the tender (both for increase as well as decrease of value of contract agreement), sanction of the competent authority as per single tender should be obtained. Variation in quantities/period (resulting in cost variation) shall be allowed only with the prior approval of the competent Railway authority as per SOP/NCR.	No	No	Not Allowed
12	Tender Document Cost once paid is non-refundable. All the required/supporting documents should be scanned and uploaded.	No	No	Not Allowed
13	The cost of tender document form and earnest money as indicated in the NIT header shall be paid through online gateway/E-Payment facility provided on IREPS website only. Other mode of payment towards tender fee and EMD will not be accepted. In case payment of EMD and Tender fee is not successful during E-payment, the offer will be summarily rejected. The cost of EMD shall not be merged with cost of tender form and shall be separately furnished. Tender Document fee is non refundable.	No	No	Not Allowed
14	The tenderer shall upload scanned copies of mandatory credential such as Experience, Turn over certificates and any other documents as applicable, all documents related to Partnership Deed/Joint Venture/ Consortium/ MOU, Registration details, GST No., registered address, email ID etc. should be uploaded in PDF format only at the time of submission of bid.	No	No	Not Allowed
15	Opening of e-tender online:- The e-tenders will be opened online using the IREPS portal. No representative is required to be present for opening of tender and taking notes of rates quoted and ranking as the complete details of rates etc. of all the bidders shall be available to the bidders in the website after the opening of the tender.	No	No	Not Allowed
16	In case the date of closing mentioned in the Notice Inviting Tender is declared a holiday/bandh/strike etc. on any account, the date of closing tender online will not be changed as the application in the website of IREPS does not permit submission of any offer after closing date and time of the tender. However, opening of tenders online will be on any convenient day after the closing date/time of tenders.	No	No	Not Allowed
17	Whenever a Railway employee's family proposes to take up a contract work in Railway, proof of intimation to Railway authority regarding proposed quoting for the work by Railway employee family member needs to be enclosed with the offer. The definition of family will be as defined in item No.2(c) of Railway Services (Conduct) Rules, 1966- means of family.	No	No	Not Allowed
18	The Railway administration reserve the right to reject any tender either in whole or in part without assigning any reason whatsoever. The final acceptance of the tender shall rest with the competent authority of Railway who reserve the right to accept or reject any tender without assigning any reason thereof and does not bind himself to accept the lowest tender only.	No	No	Not Allowed
19	Tenderers are advised to go through the tender booklet for detail condition, scope of work and other technical conditions/specification, maintenance schedule, make list, earthing drawing, approved/likely source of material related with the work before submitting their offer.	No	No	Not Allowed

**AGRA DIVISION-ELECTRICAL/NORTH CENTRAL RLY
TENDER DOCUMENT**

Tender No: AGC-ELG-T-08-2018-19

Closing Date/Time: 15/02/2019 16:00

20	The Tenderer/Tenderers shall quote his/their rates with reference to each item and must tender for all the item shown in the attachment schedule. The quantities shown in the attached schedule are giving as guide and are approximate only and are subject to variation according to the need of Railway. The Railway accepts no responsibility for their accuracy the railway does not guarantee work under each item of the schedule. The percentage amount should be quoted in figure as well as in words and % above/ below/ at par should be written in the specified space. If there is any variation in percentage amount specified in figure and words, percentage amount specified in words will be considered as correct. If % above/ below/ at par is not specified tender offer will be considered % above'. Absolute amount should not be specified and rates/cost should be specified The Tenderer/Tenderers shall quote his/their rates with reference to each item and must tender for all the item shown in the attachment schedule. The quantities shown in the attached schedule are giving as guide and are approximate only and are subject to variation according to the need of Railway. The Railway accepts no responsibility for their accuracy the railway does not guarantee work under each item of the schedule. The percentage amount should be quoted in figure as well as in words and % above/ below/ at par should be written in the specified space. If there is any variation in percentage amount specified in figure and words, percentage amount specified in words will be considered as correct. If % above/ below/ at par is not specified tender offer will be considered % above'. Absolute amount should not be specified and rates/cost should be specified	No	No	Not Allowed
21	In case of any Variation in percentage quoted in figures and words, the percentage quoted in words shall be considered as correct.	No	No	Not Allowed
22	Rate to be quoted by tenderer should be % age above, % age below or at par of the departmental estimated cost. (For calculation purpose maximum two digits after decimal by rounding off will be taken). Rates shall be "Inclusive of all taxes & duties".	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Implementation of GST:- As per Railway Board Letter no. 2008/RS(G)/777/1 dt. 29-05-2017 All the bidders/tenders should ensure that they are GST compliant and their quoted tax structure/rates are as per GST Law.	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	INSPECTION OF MATERIALS:- All material to be used by the contractor shall be inspected by Sr.DEE(G) Agra or his authorized representative in case of a safety item, by RDSO/RITES if the cost of the safety item is above Rs. 5 Lakh. The tenderer may note that their offer may be rejected by Railway if there are deviations in terms of their offer from these mentioned conditions in this tender or if offer is found ambiguous in any way, since it becomes difficult to compare the offers with different terms and condition or the evaluated ambiguous offers.	No	No	Not Allowed
2	All electrical works shall be executed by properly skilled. Licensed wireman under the supervision of a qualified supervisor/Engineer. The contractor on demand by the Rly's Engineer shall produce such evidence of qualification of his workman / supervisor either at the time of award of contract or during execution.	No	No	Allowed (Optional)
3	The Tenderer should have a valid A class Electrical license issued by the appropriate authority and should submit a copy of the same with his offer will be summarily rejected.	No	No	Allowed (Mandatory)
4	All the work should be executed as per I.E rules /Rly specification and conforming to relevant IS. Work should be carried out at site in consultation with Railway consignee of concerned depot.	No	No	Not Allowed

**AGRA DIVISION-ELECTRICAL/NORTH CENTRAL RLY
TENDER DOCUMENT**

Tender No: AGC-ELG-T-08-2018-19

Closing Date/Time: 15/02/2019 16:00

5	<p>As letter No. Railway Board's letter No. 2017/AC-II/9/10 Pt 3 dated 09.05.18 Inclusion of 'Letter of Credit' as Mode of Payment in Works Tenders or Service Tenders 1. It has been decided by Board (MRS, MTR, ME, FC, CRB) that henceforth, all works tenders or service tenders invited by railways through e-tendering on IREPS, having advertised value of Rs 10 lakh and above, shall include in tender conditions, an option for the contractor to take payment from Railways through a letter of credit (LC) arrangement. 2. As such, following special conditions shall be included in the works tenders or service tenders to be invited henceforth: (i) For all the tenders having advertised cost of Rs 10 lakh or above, the contractor shall have the option to take payment from Railways through a letter of credit (Le) arrangement. (ii) This option of taking payment through Le arrangement has to be exercised in IREPS (Indian Railway Electronic Procurement System -the e-application on which tenders are called by Railways) by the tenderer at the time of bidding itself, and the tenderer shall affirm having read over and agreed to the terms and conditions of the LCOption. (iii) The option so exercised, shall be an integral part of the bidder's offer. (iv) The above option of taking payment through LC arrangement, once exercised by tenderer at the time of bidding, shall be final and no change shall be permitted, thereafter, during execution of contract. (v) In case tenderer opts for payment through LC, following shall be the procedure to deal release of payment through LC: .(a) The Le shall be a sight LC (b) The contractor shall select his Advising/Negotiating bank for LC The incidental cost towards issue of Le and its operation thereof shall be borne by the contractor. (c) SBI, New Delhi, Main Branch will be the nodal branch for issue of LCs based on online requests received from Railway Accounts Units for tenders opened in financial year 2018-19. SBI branches where the respective Railway Accounts Office has its Account (local SB1 branch) will be the issuance/reimbursing branch for LC issued under this arrangement. The Bank shall remain same for this tendertill completion of contract. The incidental cost @ 0.15% per annum of LC value, towards issue of LC and operation thereof shall be borne by the contractor and shall be recovered from his bills. (d) The LC shall be opened initially for duration of 180 to 365 days in consultation with contractor. The LC shall be extended time to time as per the progress of the contract, on the request of the contractor. The value of LC to be opened initially as well as extended thereafter shall be finalised by the engineer in consultation with the contractor on the basis of expected progress of work. (e) The LC terms and conditions shall inter-alia indemnify and save harmless the Railway from and against all losses, claims and demands of every nature and description brought or recovered against the Railways by reason of any act or omission of the contractor, his ,agents or employees, in relation to the Letter of Credit (LC). All sums payable/borne by Railways on this account shall be considered as reasonable compensation and paid by contractor. (f) The LC terms and conditions shall inter-alia provide that Railways will issue a Document of Authorisation (format enclosed as Annexure 2) after passing the bill for completed work, to enable contractor to claim the authorized amount from their bank.</p>	Yes	Yes	Allowed (Mandatory)
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**AGRA DIVISION-ELECTRICAL/NORTH CENTRAL RLY
TENDER DOCUMENT**

Tender No: AGC-ELG-T-08-2018-19

Closing Date/Time: 15/02/2019 16:00

6	<p>(g) The acceptable, agreed upon document for payments to be released under the LC shall be the Document of Authorisation. (h) The Document of Authorisation shall be issued by Railway Accounts Office against each bill passed by Railways. (i) On issuance of Document of Authorisation, a copy of Document of Authorisation shall be posted on IREPS for download by the contractor. A digitally signed copy of Document of Authorisation shall also be sent by Railway Accounts Office to Railway's bank (Local SBI Branch). (j) The contractor shall take print out of the Document of Authorisation available on IREPS and present his claim to his bank (advising Bank) for necessary payments as per LC terms and conditions. The claim shall comprise of copy of Document of Authorisation, Bill of Exchange and Bill. (k) The payment against LC shall be subject to verification from Railway's Bank (Local SBI Branch). (l) The contractor's bank (advising bank) shall submit the documents to the Railway's Bank (Local SBI Branch). (m) The railway's bank (issuing bank) shall, after verifying the claim so received w.r.t. the digitally signed Document of Authorisation received from Railway Accounts Office, release the payment to contractor's bank (advising bank) for crediting the same to contractor's account. (n) Any number of bills can be dealt within one LC, provided the sum total of payments to contractor is within the amount for which LC has been opened. (o) The LC shall be closed after the release of final payment including P VC amount, if any, to the contractor. (p) The release of performance guarantee or security deposit shall be dealt directly by railway with the contractor i.e., not through LC. 3. For opening of LC, executive department shall make a request letter to concerned Accounts Department on a format, placed as Annexure - 1. 4. Necessary changes in IREPS and IPAS applications have already been carried out, for having option for payment to contractors through LC. 5. This issues with the concurrence of Finance Directorate of Ministry of Railways.</p>	No	No	Allowed (Mandatory)
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Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications, as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.	No	No	Not Allowed
2	The amount as stipulated in tender document is herewith forwarded as Earnest Money. Full value of the earnest Money shall stand forfeited without prejudice to any other right or remedies in case my/our Tender is accepted and if : (a) I/We do not execute the contract documents as stipulated in performance guarantee clause of GCC as detailed in general instructions (b)I/We do not commence the work within Fifteen days after receipt of orders to that effect.	No	No	Not Allowed
3	I/We have read the various conditions attached/ referred to in this tender document and agree to abide by the said conditions. I/ We have read/seen the relevant drgs. & specification mentioned in the scope of work before quoting our rates for each schedule items.	No	No	Not Allowed
4	It is certified that I/We have not been black listed or debarred by Railway or any other Ministry/Department/ Public Sector under taking of the Govt. of India/ State Govt. from participation in tenders/ contracts on the date of tender opening of bids, either in individual capacity or as a member of JV firm in which I/We were/are members.	No	No	Not Allowed
5	(a)I/We do not execute the contract documents within seven days after receipt of notice issued by the Railway that such documents are ready. (b)I/We not commence the work within ten days after receipt to orders of that effect.	No	No	Not Allowed
6	•I/We agree to pay the Rly an amount equal to the earnest money prescribed earnest money, the same may be recovered from the standing earnest money. •I/We also agree that in even of my/our failure to execute the contract document as herein before provided or commence the work within the prescribed period after issue of letter of acceptance of the tender, the railway may be entitled to determine that I / We have abandoned the contract and thereupon my/our tender and acceptance thereof may be treated as cancelled and the Railway shall be entitled to forfeit the full amount of earnest money and recover the damages for such default.	No	No	Not Allowed

**AGRA DIVISION-ELECTRICAL/NORTH CENTRAL RLY
TENDER DOCUMENT**

Tender No: AGC-ELG-T-08-2018-19

Closing Date/Time: 15/02/2019 16:00

6. Documents attached with tender

S.No.	Document Name	Document Description
1	AGC-ELG-T-08-2018-19AGCAutomaticwashingplant.pdf	AGC ELG T 08 2018 19

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017.

Signed By: RAGHUNATH SINGH

Designation : Sr.DEEG