



Date: November 21, 2022

To

The Listing Compliance Department

M/s. BSE Limited

Phiroze Jeejeebhoy Towers,
Dalal Street,
Mumbai- 400001.

Scrip code: 532850 / MIC

The Listing Compliance Department

M/s. National Stock Exchange of India Limited

Exchange Plaza, 5th Floor, Plot No. C/1, G Block,
Bandra Kurla Complex, Bandra (E),
Mumbai- 400 051.

Scrip code: MICEL

Dear Sir/Madam,

Sub: Receipt of Letter of Acceptance from Ratlam Division S and T, Ratlam, Madhya Pradesh, (Western Railway).

In terms of Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations (LODR) 2015, we are happy to inform that the Company has been awarded the tender for supply, installation, testing, commissioning and comprehensive annual maintenance contract of telecom material in connection with (i) Indore – replacement of 05 lines train display board on codal basis. (ii) Provision of new CGS boards at NMH PF 02, Train display boards & GPS clocks at 33 Nos. stations under MEA. (iii) Replacement of train display board at 7 stations, at a glance display board at 4 station and replacement of Analog/GPS clocks at 67 on codal life basis by the Ratlam Division - S and T, Sr DSTE office, DRM, Ratlam, Madhya Pradesh, Western Railway on November 21, 2022. The value of the said tender is Rs. 2,02,00,808.42/- (Rupees Two Crore Two Lakh Eight Hundred and Eight and Forty-Two Paise only). The letter of acceptance is enclosed.

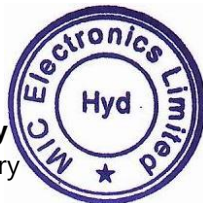
This is for the information of all the stakeholders of the Company.

Thanking you

Yours truly

for **MIC Electronics Limited**

K Srikanth Reddy
Company Secretary



Encl: A/a.

CIN: L31909TG1988PLC008652

Regd. Office: Plot No. 192/B, Phase-II, IDA, Cherlapally, Hyderabad, Rangareddi, Telangana – 500051.
Telephone No's: +91 40 27122222; +91 40 27133333; Website: www.mic.co.in; Email id: info@mic.co.in.

WESTERN RLY

**RATLAM DIVISION-
S AND T
SrDSTE Office, DRM
Building Do Batti
Ratlam, 457001
Madhya Pradesh ,
India**

**Letter No: RATLAM DIVISION-S AND T /
SandT-RTM-22-Tele-07R / 01095700066232**

**Dated:
21/11/2022**

**M/s MIC ELECTRONICS LIMITED-
HYDERABAD.**

192/B, Mint Road, IDA, Phase-II, Cherlapally,
Medchal Malkajgiri
Hyderabad.- 500051
Telangana, India

Sub: Letter Of Acceptance

- Ref:**
1. Tender No. SandT-RTM-22-Tele-07R closing date 14-10-2022 15:00 for Supply, installation, testing, commissioning and comprehensive Annual maintenance contract of Telecom material in connection with: (i) Indore: Replacement of 05 lines Train display board on codal basis. (ii) Provision of new CGS Boards at NMH PF 02, Train Display Boards & GPS Clocks at 33 Nos. stations under MEA. (iii) Replacement of Train display board at 7 stations, at a glance display board at 4 station and replacement of Analog/GPS clocks at 67 on codal life basis.
 2. Your bid ID **14381907** dated **14/10/2022 12:27**

The Competent Authority has accepted your offered rates in connection with the subject work. The total cost of the work at the accepted rates works out to Rs. 20200808.42 (Rupees Two Crore Two Lakh Eight Hundred And Eight Rupees And Fourty-Two Paise Only)

A sum of Rs.245300 deposited as Earnest Money vide IREPS reference ID PE319116703300 has been retained towards initial Security Money for due and faithful fulfillment of the contract, and the balance Security Money will be recovered from the progressive bills @ 6 % of the bill amount till it reaches 5 % of the contract value in terms of clause 3.12 of chapter-3 of Tender document.

You are requested to submit Performance Guarantee in the form as given in Clause 3.13 of chapter-3 of Tender document equivalent to 3 % of the contract value amounting to Rs. 606024.25 (Rupees Six Lakh Six Thousand And Twenty-Four Rupees And Twenty-Five Paise Only) within 21 days from the date of issue of Letter of Acceptance, valid up to stipulated date of completion plus 60 days so that contract agreement can be executed. FDR in favour of Sr. DFM/Ratlam may be accepted. Extension of time for submission of PG beyond 21 days and upto 60 days from date of issue of LoA may be given by the Authority who is competent to sign the contract agreement. However, a penal interest of 12% per annum shall be charged for the delay beyond 21(twenty one) , i.e. from 22nd day after the date of issue of LOA. Further, if the 60th day happens to be a declared holiday in the concerned office of the Railway, submission of PG can be accepted on the next working day. In all other cases, if the Contractor fails to submit the requisite PG even after 60 days from the date of issue of LOA, the contract is liable to be terminated. In case contract is terminated railway shall be entitled to forfeit Earnest Money Deposit and other dues, payable against that contract. In case a tenderer has not submitted Earnest Money Deposit on the strength of their registration as a Startup recognized by Department of Industrial Policy and Promotion (DIPP) under Ministry of Commerce and Industry, DIPP shall be informed to this effect. The failed Contractor shall be debarred from participating in re-tender for that work.

The entire work shall be completed within 8 month from the date of issue of Letter of Acceptance.

Payment terms: As per clause No. 3.48 of chapter-3 of Tender document

Consignee: The consignee (stores) Senior Section Engineer/ Tele/Exch/Ratlam and supervisor site in-charge for execution of this work will be concerned Senior Section Engineer/Tele of his section

Engineer in-charge: The officer in charge of the work shall be DSTE/ ADSTE.Ratlam.

Shramik Kalyan: You are advised that it is mandatory upon the contractor to ensure correct and prompt uploading of all salient details of engaged contractual labour & payments made thereof after each wage period on Railway shramik kalyan portal (www.shramikkalayan.indianrailways.gov.in).

Note: PG amount taken 3% as per RB letter No. . 2020/CEUCT/ 3E/GCC/Policy dt. 10.01.2022

All Other terms and conditions, as stipulated in the tender documents shall be applicable.

SITARAM SOLANKI
DSTERTM
Digitally Signed
[View Signature Details](#)

Awarded Quantities And Rates

Item Sno.	Item Desc	Item Code	Item Qty	Qty Unit	Unit Rate(Rs)	Escl. (%)	Advt.Value (Rs)	Bid Rate/ Unit Rate	Bid Amount (Rs)
Schedule A-Supply Items (Non SOR) Indore Five line Train display (Item Directory - Not Applicable)							1184361.46		
1	Please see Item Breakup for details		View Details			At Par	1184361.46		
Schedule Totals									0.00
Schedule B-Execution item (SOR) Indore Five line Train display (Item Directory - Not Applicable)							81552.46		
1	Please see Item Breakup for details		View Details			At Par	81552.46		
Schedule Totals									0.00
Schedule C-CAMC for seven year of Indore Five line Train display (Item Directory - Not Applicable)							252175.56		
1	Please see Item Breakup for details		View Details			At Par	252175.56		
Schedule Totals									0.00
Schedule A1-Supply Items (SOR) CGS Boards at NMH (Item Directory - WRS&TSOR-Ver-1)							29560.82		
1	Please see Item Breakup for details		View Details			25.78	29560.82		
Schedule Totals									0.00
Schedule A2-Supply Items (Non SOR) CGS Boards at NMH (Item Directory - Not Applicable)							1842427.74		
1	Please see Item Breakup for details		View Details			At Par	1842427.74		
Schedule Totals									0.00
Schedule A3-Supply items (SOR) Train display board at 7 stations and at a glance display (Item Directory - WRS&TSOR-Ver-1)							39414.42		
1	Please		View Details			25.78	39414.42		

	see Item Breakup for details					
Schedule Totals				0.00		
Schedule A4-Supply items (Non SOR) Train display board at 7 stations and at a glance display (Item Directory - Not Applicable)				4087928.68		
1	Please see Item Breakup for details	View Details	At Par	4087928.68		
Schedule Totals				0.00		
Schedule B1-Execution item (SOR) CGS Boards at NMH (Item Directory - WRS&TSOR-Ver-1)				29768.35		
1	Please see Item Breakup for details	View Details	25.78	29768.35		
Schedule Totals				0.00		
Schedule B2-Execution item (Non SOR) CGS Boards at NMH (Item Directory - Not Applicable)				1711707.59		
1	Please see Item Breakup for details	View Details	At Par	1711707.59		
Schedule Totals				0.00		
Schedule B3-Execution items (SOR) Train display board at 7 stations and at a glance display (Item Directory - WRS&TSOR-Ver-1)				6334.28		
1	Please see Item Breakup for details	View Details	25.78	6334.28		
Schedule Totals				0.00		
Schedule B4-Execution items (Non SOR) Train display board at 7 stations and at a glance display (Item Directory - Not Applicable)				6633481.39		
1	Please see Item Breakup for details	View Details	At Par	6633481.39		
Schedule Totals				0.00		
Schedule C1-CAMC for seven year of CGS Boards at NMH (Item Directory - Not Applicable)				729403.92		
1	Please see Item Breakup for details	View Details	At Par	729403.92		
Schedule Totals				0.00		
Schedule C2-CAMC for seven year of Train display board at 7 stations and at a glance display (Item Directory - Not Applicable)				2429249.76		
1	Please see Item	View Details	At Par	2429249.76		

Breakup for details					
Schedule Totals				0.00	
Total Value		19057366.43	6.00	%Above	20200808.42
				Rebate on Total Value (%)	0.00
				Net Bid Value	20200808.42

Item Breakup

Schedule	A-Supply Items (Non SOR) Indore Five line Train display					
Item - 1	Please see Item Breakup for details					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of Central Data Controller Unit conforming to system requirement as per RDSO Specification No. RDSO/ SPN/ TC/108/ 2019 Rev.0.0 with Amdt-1 or latest. The control console shall have main and stand by CPU to work in standby mode, one Nos. of 1 KVA UPS with two independent batteries, two LCD monitor [19inch], CCU Rack, KVM Switch, CDS [Layer 3 12 Port Switch of make CISCO, HP, Juniper, Brocade, Avaya, Extreme, Netgear, D-link] and other accessories, housed in a standard size cabinet along with driving Software for integrated passenger information system as per RDSO Specification No. RDSO/ SPN/ TC/108/ 2019 Rev.0.0 with Amdt-1 or latest. this includes supply and installation of SW for Announcement system with necessary interface and announcement recording [Hindi/English/ Region language fresh studio copy of voice files.] as per RDSO Specification No.RDSO/ SPN/ TC/108/ 2019 Rev.0.0 with Amdt-1 or latest. [the same to be interfaced with existing audio and video system installed at the station. The software should support all types of display/announcement by merely adding necessary hardware in future [single/multiline arrival/departure train in formation display boards, single sided/double sided, CGDB,AGDB,LCD/LED/Plasma TVs etc.]	Numbers	1	528080.94	528080.94

2	2	Supply of LED based Single faced Five line Train arrival/departure display board as per RDSO's Specification No. RDSO/SPN/TC/108/2019,Ver.-0.0 or latest. Suitable clamping arrangement and all consumable materials including steel frame to be supplied by the contractor	Numbers	1	583154.66	583154.66
3	3	Supply of CAT-6 cable of DAX, Digisol, Dlink, Network, Molex or Lucent make (with identification mark/ferrules etc.) as per instructions of Engineer in charge.	Metre	305	17.80	5429.00
4	4	Supply of one inch diameter PVC pipe with medium mechanical stress conforming to IS 9537 Part-III.	Metre	250	10.32	2580.00
5	5	Supply of PVC insulated flexible 3 core x 2.5 sq.mm multi strand power cable as per specification no. IS: 694:1990 reaffirmed 1995 or latest.	Metre	100	47.93	4793.00
6	6	Supply of 24 Port LIU Rack Mountable loaded with suitable connectors of D-link, Molex, Raychem or Amp make. The Contractor should supply all miscellaneous items like connector patch cord for complete installation of Fixed optical fiber interconnection unit.	Numbers	2	6381.53	12763.06
7	7	Supply of Indiana/phoenix/Jiwei make perforated cable trays with our standard perforation fabricated from 1.6 mm thick pre-galvanized sheet in the standard length of 2.5 mtrs, with coupler. Plate + electro galvanized hardware. Size: 300 mm width X 50 mm height.	Metre	70	679.44	47560.80
					Total	1184361.46
Schedule	B-Execution item (SOR) Indore Five line Train display					
Item - 1	Please see Item Breakup for details					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Installation and commissioning of Central Data Controller as per RDSO's Specification No. RDSO/SPN/TC/108/2019,Ver.-0.0 or latest . This includes Computer, software, UPS, CCU Rack, CDS(Layer 3 Switch), KVM	Numbers	1	12217.02	12217.02

		switch and other items supplied in schedule.				
2	2	Installation and commissioning of LED based Five line Single faced train arrival/departure display board as per instruction of site in charge. All fitting materials are to be supplied by the contractor.	Numbers	1	28417.40	28417.40
3	3	Laying of Telecom cable in PVC Pipe, Casing Capping & conduit Pipe as per Instruction of Engineer In charge.	Metre	200	3.12	624.00
4	4	Installation of PVC rigid pipe/ Casing Capping along with required accessories as per Instruction of Engineer In charge.	Metre	200	3.12	624.00
5	5	Installation, Testing & Commissioning of 24 Port LIU with suitable Connector as per the instructions of Engineer in Charge.	Numbers	2	317.88	635.76
6	6	Supply, installation, testing & commissioning of 43" Smart LED display of confirming as per technical specification. (Installation as per engineer in charge)Resolution (Pixels)1920 x 1080 (Full HD),HDMI and USB port with 3 year OEM warranty (capable of working 24x7).	Numbers	1	28508.38	28508.38
7	7	Fixing of tray for housing of all type of telecom cable.	Metre	70	150.37	10525.90
					Total	81552.46
Schedule	C-CAMC for seven year of Indore Five line Train display					
Item - 1	Please see Item Breakup for details					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Fully redundant control console unit with all relevant software, cabling, UPS, Rack and with all necessary accessories. (Total Quantity = 1 No x 84 Months = 84 Nos.)	Numbers	84	852.29	71592.36
2	2	Main Data communication Exchange/CDS/PDCH and other interface equipment. (Total Quantity = 1 No x 84 Months = 84 Nos.)	Numbers	84	221.82	18632.88
3	3	LED Based Five Line Train Display Board Single Face with	Numbers	84	1724.28	144839.52

		all accessories. (Total Quantity = 1 No x 84 Months = 84 Nos.)				
4	4	LED TV monitor with all necessary accessories and System (Total Quantity = 1 No x 84 Months = 84 Nos.)	Numbers	84	203.70	17110.80
					Total	252175.56
Schedule	A1-Supply Items (SOR) CGS Boards at NMH					
Item - 1	Please see Item Breakup for details					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	02050200	Maintenance Free Earth Electrode of length 3m, including supply of 3 bags of Earth enhancement material for earthling (20KGs /bag) for each electrode & other accessories as per Drg. No. SDO / RDSO/ E&B/001 and RDSO Spec No. RDSO / SPN/197/2008.	Set	3	7834.00	23502.00
					Total	23502.00
Schedule	A2-Supply Items (Non SOR) CGS Boards at NMH					
Item - 1	Please see Item Breakup for details					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of HDMI 10 meter cable as per specification	Numbers	3	1141.10	3423.30
2	2	Supply of STP CAT-6 cable, 1 Box=305 mtr DAX, Nortel, Amp, Molex or Lucent make with identification mark/ ferrules as per EIA/TIA -568-B.2.1 standard	Metre	915	35.76	32720.40
3	3	Supply of 6 core fiber termination box with Capacity of Ports: 6 ports, Suitable Adapter: SC/LC.	Numbers	4	168.90	675.60
4	4	Supply of Electric Board three Numbers of 3 Pin socket 5 Ampere	Numbers	28	242.00	6776.00
5	5	Supply of one inch diameter PVC pipe with medium mechanical stress conforming to IS 9537 Part-III	Metre	1800	10.32	18576.00
6	6	Supply of Indiana/phoenix/Jiwei make perforated cable trays with our standard perforation fabricated from 1.6 mm thick pre-galvanized sheet in the standard length of 2.5 mtrs, with coupler. Plate + electro galvanized hardware. Size: 300 mm width X 50 mm height.	Metre	80	679.44	54355.20

7	7	Supply of Double Face Coach Guidance Display Board with all necessary accessories conforming to system requirement as per RDSO Spec. No. RDSO/ SPN/TC/108/ 2019 Rev.0.0 with Amdt-1 or latest.	Numbers	28	35327.13	989159.64
8	8	Supply of Platform Data Controller as per RDSO/SPN/TC/108/2019 Ver 0.0 with Amendment 1.0 or latest.	Numbers	1	49001.66	49001.66
9	9	Supply of Central Data Controller Unit conforming to system requirement as per RDSO Specification No. RDSO/ SPN/ TC/108/ 2019 Rev.0.0 with Amdt-1 or latest. The control console shall have main and stand by CPU to work in standby mode, one Nos. of 1 KVA UPS with two independent batteries, two LCD monitor [19inch], CCU Rack, KVM Switch, CDS [Layer 3 12 Port Switch of make CISCO, HP,Juniper, Brocade,Avaya, Extreme,Netgear, D-link] and other accessories, housed in a standard size cabinet along with driving Software for integrated passenger information system as per RDSO Specification No. RDSO/ SPN/ TC/108/ 2019 Rev.0.0 with Amdt-1 or latest. this includes supply and installation of SW for Announcement system with necessary interface and announcement recording [Hindi/English/ Region language fresh studio copy of voice files.] as per RDSO Specification No. RDSO/ SPN/ TC/108/ 2019 Rev.0.0 with Amdt-1 or latest. [the same to be interfaced with existing audio and video system installed at the station. The software should support all types of display/announcement by merely adding necessary hardware in future [single/multiline arrival/departure train in formation display boards, single sided/double sided, CGDB,AGDB,LCD/LED/Plasma TVs etc.]	Numbers	1	528080.94	528080.94
10	10	Supply of 14" LCD/LED based UTS-PRS (Universal) fare	Numbers	5	19470.00	97350.00

		repeater with facility of QR code display as per specification				
11	11	Supply of PVC insulated flexible 3 core x 2.5 sq.mm multi strand power cable as per specification no. IS: 694:1990 reaffirmed 1995 or latest.	Metre	1300	47.93	62309.00
					Total	1842427.74
Schedule	A3-Supply items (SOR) Train display board at 7 stations and at a glance display					
Item - 1	Please see Item Breakup for details					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	02050200	Maintenance Free Earth Electrode of length 3m, including supply of 3 bags of Earth enhancement material for earthling (20KGs /bag) for each electrode & other accessories as per Drg. No. SDO / RDSO/ E&B/001 and RDSO Spec No. RDSO / SPN/197/2008.	Set	4	7834.00	31336.00
					Total	31336.00
Schedule	A4-Supply items (Non SOR) Train display board at 7 stations and at a glance display					
Item - 1	Please see Item Breakup for details					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of Central Data Controller Unit conforming to system requirement as per RDSO Specification No. RDSO/ SPN/ TC/108/ 2019 Rev.0.0 with Amdt-1 or latest. The control console shall have main and stand by CPU to work in standby mode, one Nos. of 1 KVA UPS with two independent batteries, two LCD monitor [19inch], CCU Rack, KVM Switch, CDS [Layer 3 12 Port Switch of make CISCO, HP,Juniper, Brocade,Avaya, Extreme,Netgear, D-link] and other accessories, housed in a standard size cabinet along with driving Software for integrated passenger information system as per RDSO Specification No. RDSO/ SPN/ TC/108/ 2019 Rev.0.0 with Amdt-1 or latest. this includes supply and installation of SW for Announcement system with necessary interface and announcement recording [Hindi/English/ Region language fresh studio copy of voice files.]	Numbers	7	528080.94	3696566.58

		as per RDSO Specification No. RDSO/ SPN/ TC/108/ 2019 Rev.0.0 with Amdt-1 or latest. [the same to be interfaced with existing audio and video system installed at the station. The software should support all types of display/announcement by merely adding necessary hardware in future [single/multiline arrival/departure train information display boards, single sided/double sided, CGDB,AGDB,LCD/LED/Plasma TVs etc.]				
2	2	Supply of STP CAT-6 cable, 1 Box=305 mtr DAX, Nortel, Amp, Molex or Lucent make with identification mark/ ferrules as per EIA/TIA -568-B.2.1 standard	Metre	915	35.76	32720.40
3	3	Supply of PVC insulated flexible 3 core x 2.5 sq.mm multi strand power cable as per specification no. IS: 694:1990 reaffirmed 1995 or latest.	Metre	1500	47.93	71895.00
4	4	Supply of 6 core fiber termination box with Capacity of Ports: 6 ports, Suitable Adapter: SC/LC.	Numbers	22	168.90	3715.80
5	5	Supply of one inch diameter PVC pipe with medium mechanical stress conforming to IS 9537 Part-III	Metre	2200	10.32	22704.00
6	6	Splicing of OFC cable and making the splice joint in dust free environment with contractor's own equipment and labour. All required materials tools plants shall be arranged by the contractor splicing shall be started from one end and each splicing shall be monitored after splicing and after closing the enclosure for all the fibers from one central location by contractor engineer with his own OTDR and optic talk set with railway engineer trace for the fibers shall be taken and signed jointly, if any fibred splice shows high loss/lossy event the same shall be redone before completion of splicing work. The splice loss shall be as per the policy/technical circular issued by the Railways from time to	Numbers	94	270.68	25443.92

		time. (This item includes splicing of 24 fibres and the payment will be done on pro-rata basis)				
7	7	Supply of Indiana/phoenix/Jiwei make perforated cable trays with our standard perforation fabricated from 1.6 mm thick pre-galvanized sheet in the standard length of 2.5 mtrs, with coupler. Plate + electro galvanized hardware. Size: 300 mm width X 50 mm height.	Metre	160	679.44	108710.40
8	8	Supply of Remote Craft Terminal as per Specification for maintenance and fault finding	Numbers	2	58521.89	117043.78
9	9	Supply of HDMI 10 meter cable as per specification	Numbers	8	1141.10	9128.80
					Total	4087928.68
Schedule	B1-Execution item (SOR) CGS Boards at NMH					
Item - 1	Please see Item Breakup for details					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	04060300	Digging of cable trench 0.3 Mtrs. Deep and 0.3 Mtrs. Wide on Asphalted Platform / Road / Hard rocky area. Refilling with earth leveling of trenches & restoring the original surface of trenches.	cum	45	442.00	19890.00
2	04100300	Installation of Maintenance free Earth Electrode for Maintenance free earth spec of RDSO/SPN/197/2008	Numbers	3	1259.00	3777.00
					Total	23667.00
Schedule	B2-Execution item (Non SOR) CGS Boards at NMH					
Item - 1	Please see Item Breakup for details					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply, Installation, Testing and Commissioning of Single line Double face train Arrival/Departure display board as per RDSO/ SPN/ TC/108/ 2019 Rev.0.0 with Amdt-1 or latest. as per specification. This includes all required accessories required including hanging structure for fixing Suitable clamping arrangements to commissioning the item.	Numbers	1	276673.36	276673.36
2	2	Installation and commissioning of Central Data Controller as per RDSO's Specification No.	Numbers	1	12217.02	12217.02

		RDSO/SPN/TC/108/2019, Ver.-0.0 or latest . This includes Computer, software, UPS, CCU Rack, CDS(Layer 3 Switch), KVM switch and other items supplied				
3	3	Installation & commissioning of Double Faced Coach Guidance Display Boards in shade area. This includes all required accessories required including hanging structure for fixing arrangements to commissioning the item.	Numbers	8	3750.70	30005.60
4	4	Installation & Commissioning of double face coach guidance display boards /Speaker as supplied under schedule A, in open area. It includes Supply, hanging & Fixing arrangement of coach indication board/speaker along with hood (Cover shed) in open space, (without shed area) 100 mm dia (OD) & 15 feet's long G.I. to be erected with concrete foundation (1:3:6) of 3 Feet deep from platform level and on the pipe, an angle to be fixed on G.I. pipe as per site condition. Contractor to supply all required materials with G.I. pipe & G.I. sheet of 2'x3' which should be placed on the top of the board in open space as per approval of site engineer with angle fastening and crow guard. (supply of G.I. pipe included in this)	Numbers	20	7522.39	150447.80
5	5	Installation & commissioning of Platform Data Controller as per RDSO/SPN/TC/108/2019 Ver 0.0 with Amendment 1.0 or latest.	Numbers	1	6112.00	6112.00
6	6	Supply & Installation of 50" LED SMART TV displaying information as per site requirement. Make - LG/Sony/Samsung with ports USB,HDMI, and 3 year On Site OEM Warranty (capable of working 24x7).	Numbers	1	58743.99	58743.99
7	7	Installation of Universal Fare display System for UTS Ticket windows compatible with all PRS & UTS thin client/ Dumb Terminal including all necessary material.	Numbers	5	348.38	1741.90
8	8	Supply Installation testing and Commissioning of GPS based double sided clock as per latest	Numbers	32	35812.75	1146008.00

		RDSO Spec RDSO/SPN/ TC/ 62/ 2008 Revision 3 or latest (size 510 mm H X 1200 mm L X 300 mm D)				
9	9	Splicing of OFC cable and making the splice joint in dust free environment with contractor's own equipment and labour. All required materials tools plants shall be arranged by the contractor splicing shall be started from one end and each splicing shall be monitored after splicing and after closing the enclosure for all the fibers from one central location by contractor engineer with his own OTDR and optic talk set with railway engineer trace for the fibers shall be taken and signed jointly, if any fibred splice shows high loss/lossy event the same shall be redone before completion of splicing work. The splice loss shall be as per the policy/technical circular issued by the Railways from time to time. (This item incudes splicing of 24 fibres and the payment will be done on pro-rata basis)	Numbers	24	270.68	6496.32
10	10	Installation of PVC rigid pipe/ Casing Capping along with required accessories as per Instruction of Engineer In charge.	Metre	1800	3.12	5616.00
11	11	Laying of Telecom cable in PVC Pipe, Casing Capping & conduit Pipe as per Instruction of Engineer In charge.	Metre	1800	3.12	5616.00
12	12	Fixing of tray for housing of all type of telecom cable.	Metre	80	150.37	12029.60
					Total	1711707.59
Schedule	B3-Execution items (SOR) Train display board at 7 stations and at a glance display					
Item - 1	Please see Item Breakup for details					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	04100300	Installation of Maintenance free Earth Electrode for Maintenance free earth spec of RDSO/SPN/197/2008	Numbers	4	1259.00	5036.00
					Total	5036.00
Schedule	B4-Execution items (Non SOR) Train display board at 7 stations and at a glance display					
Item - 1	Please see Item Breakup for details					

S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply, Installation, Testing and Commissioning of Single line Double face train Arrival/Departure display board as per RDSO/ SPN/ TC/108/ 2019 Rev.0.0 with Amdt-1 or latest. as per specification. This includes all required accessories required including hanging structure for fixing Suitable clamping arrangements to commissioning the item.	Numbers	14	276673.36	3873427.04
2	2	Installation and commissioning of Central Data Controller as per RDSO's Specification No. RDSO/SPN/TC/108/2019, Ver.-0.0 or latest . This includes Computer, software, UPS, CCU Rack, CDS(Layer 3 Switch), KVM switch and other items supplied	Numbers	7	12217.02	85519.14
3	3	Installation of 19" 24U Dust proof Cabinet	Numbers	4	579.45	2317.80
4	4	Fixing of tray for housing of all type of telecom cable.	Metre	160	150.37	24059.20
5	5	Installation of PVC rigid pipe/ Casing Capping along with required accessories as per Instruction of Engineer In charge.	Metre	2200	3.12	6864.00
6	6	Laying of Telecom cable in PVC Pipe, Casing Capping & conduit Pipe as per Instruction of Engineer In charge.	Metre	2200	3.12	6864.00
7	7	Supply Installation testing and Commissioning of GPS based double sided clock as per latest RDSO Spec RDSO/SPN/ TC/ 62/ 2008 Revision 3 or latest (size 510 mm H X 1200 mm L X 300 mm D)	Numbers	67	35812.75	2399454.25
8	8	Supply & Installation of 50" LED SMART TV displaying information as per site requirement. Make - LG/Sony/Samsung with ports USB,HDMI, and 3 year On Site OEM Warranty (capable of working 24x7).	Numbers	4	58743.99	234975.96
					Total	6633481.39
Schedule	C1-CAMC for seven year of CGS Boards at NMH					
Item - 1	Please see Item Breakup for details					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

1	1	LED based, Double Faced Coach Guidance Display Board with all necessary accessories. (Total Quantity = 28 No x 84 Months = 2352 Nos.)	Numbers	2352	195.88	460709.76
2	2	Single line double face train Arrival Departure Display Boards with all necessary accessories. (Total Quantity = 1 No x 84 Months = 84 Nos.)	Numbers	84	1378.97	115833.48
3	3	Fully redundant control console unit with all relevant software cabling, UPS, Rack with all necessary accessories. (Total Quantity = 1 No x 84 Months = 84 Nos.)	Numbers	84	852.29	71592.36
4	4	Main Data communication Exchange/CDS/PDCH and other interface equipment. (Total Quantity = 2 No x 84 Months = 168 Nos.)	Numbers	168	221.82	37265.76
5	5	LED TV monitor with all necessary accessories and System (Total Quantity = 1 No x 84 Months = 84 Nos.)	Numbers	84	203.70	17110.80
6	6	UPS-2.0 KVA on line with battery back up of 30 minutes (Total Quantity = 1 No x 84 Months = 84 Nos.)	Numbers	84	320.14	26891.76
					Total	729403.92

Schedule C2-CAMC for seven year of Train display board at 7 stations and at a glance display

Item - 1 Please see Item Breakup for details

S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Single line double face train Arrival Departure Display Boards with all necessary accessories. (Total Quantity = 14 No x 84 Months =1176 Nos.)	Numbers	1176	1378.96	1621656.96
2	2	Fully redundant control console unit with all relevant software cabling, UPS, Rack with all necessary accessories. (Total Quantity = 7 No x 84 Months =588 Nos.)	Numbers	588	852.30	501152.40
3	3	Main Data communication Exchange/CDS/PDCH and other interface equipment. (Total Quantity = 7 No x 84 Months =588 Nos.)	Numbers	588	221.82	130430.16
4	4	LED TV monitor with all necessary accessories and	Numbers	336	203.70	68443.20

		System (Total Quantity = 4 No x 84 Months =336 Nos.)				
5	5	UPS-2.0 KVA on line with battery back up of 30 minutes (Total Quantity = 4 No x 84 Months =336 Nos.)	Numbers	336	320.14	107567.04
					Total	2429249.76