

(MM3-CBS-REL-PYL)

“Procurement, Supply, Installation, Testing and Commissioning of various Power Supply works including associated Civil works, required for diversion of 220 kV and 33 kV Transmission Lines along with the Transmission towers belonging to M/s Reliance Infrastructure Ltd. in Aarey depot area for Mumbai Metro Line -3”

Addendum No. 8

Date: - 14th July 2017

Sr. No.	Description	Clause No. and Page No. of Original Tender Document				
1.	Section IX – BOQ	Clause No. 2.3.3 – Price Schedule for Civil Part, 2.3.3.1 - Construction of Control Room Building, Road etc. Sr. No. 45, Page No. 864.				
Replace						
Item No.	Item Description	Unit	Quantity	Unit Rate in Rs (Figure)	Unit Rate in Rs (Words)	Total Amount in Rs
ROAD WORKS						
45	Providing & laying Granular Sub-Base (GSB) as per clause 401 of M.O.R.T.& H (2001) specifications of specified grading (Table 400-1 or 400-2) in specified thickness in layers. The item to include premixing the materials in plant, transportation to site, spreading in uniform layers with motor grader on a prepared subgrade, compacting with vibratory rollers till 98% of the maximum dry density (IS 2720 part-8) is achieved, etc. complete as directed by Engineer-in-charge.	Cum	150	1,194.00	One Thousand One Hundred Ninety Four.	2,50,855.58
With						
Item No.	Item Description	Unit	Quantity	Unit Rate in Rs (Figure)	Unit Rate in Rs (Words)	Total Amount in Rs
ROAD WORKS						
45	Providing & laying Granular Sub-Base (GSB) as per clause 401 of M.O.R.T.& H (2001) specifications of specified grading (Table 400-1 or 400-2) in specified thickness in layers. The item to include premixing the materials in plant, transportation to site, spreading in uniform layers with motor grader on a prepared subgrade, compacting with vibratory rollers till 98% of the maximum dry density (IS 2720 part-8) is achieved, etc. complete as directed by Engineer-in-charge.	Cum	150	1,194.00	One Thousand One Hundred Ninety Four.	1,79,100.00

Sr. No.	Description	Clause No. and Page No. of Original Tender Document				
2.	Section IX - BOQ	Clause No. 2.3.3 – Price Schedule for Civil Part, 2.3.3.1 - Construction of Control Room Building, Road etc. Sr. No. 46, Page No. 864.				
Replace						
Item No.	Item Description	Unit	Quantity	Unit Rate in Rs (Figure)	Unit Rate in Rs (Words)	Total Amount in Rs
ROAD WORKS						
46	Providing & laying Wet Mix Macadam (WMM) as per clause 406 of M.O.R.T.&H (2001) specifications of specified grading (Table 400-11) in specified thickness in layers. The item to include premixing the materials in plant, transportation to site, spreading in uniform layers with paver on a prepared sub-base, compacting with vibratory rollers till 98% of the maximum dry density (IS 2720 Part-8) is achieved, etc. complete as directed by Engineer-in-charge.	Cum	225	1,570.00	One Thousand Five Hundred Seventy.	3,29,851.98
With						
Item No.	Item Description	Unit	Quantity	Unit Rate in Rs (Figure)	Unit Rate in Rs (Words)	Total Amount in Rs
ROAD WORKS						
46	Providing & laying Wet Mix Macadam (WMM) as per clause 406 of M.O.R.T.&H (2001) specifications of specified grading (Table 400-11) in specified thickness in layers. The item to include premixing the materials in plant, transportation to site, spreading in uniform layers with paver on a prepared sub-base, compacting with vibratory rollers till 98% of the maximum dry density (IS 2720 Part-8) is achieved, etc. complete as directed by Engineer-in-charge.	Cum	225	1,570.00	One Thousand Five Hundred Seventy.	3,53,250.00

Sr. No.	Description	Clause No. and Page No. of Original Tender Document				
3.	Section IX – BOQ	Clause No. 2.3.3 – Price Schedule for Civil Part, 2.3.3.2 - Construction of Cable Trench and providing Ducts for EHT and HT lines Sr. No. 13, Page No. 877.				
Replace						
Item No.	Item Description	Unit	Quantity	Unit Rate in Rs (Figure)	Unit Rate in Rs (Words)	Total Amount in Rs
	Section No.2 Cable Trough Construction Work:					
13	Supply and Laying of 250 MM Dia HDPE pipes	Mtr	5500.0	1,800	One Thousand Eight Hundred	1,33,20,000
With						
Item No.	Item Description	Unit	Quantity	Unit Rate in Rs (Figure)	Unit Rate in Rs (Words)	Total Amount in Rs
	Section No.2 Cable Trough Construction Work:					
13	Supply and Laying of 250 MM Dia HDPE pipes	Mtr	5500.0	1,800	One Thousand Eight Hundred	99,00,000
4.	Section IX – BOQ	Clause No. 2.3.3 – Price Schedule for Civil Part, 2.3.3.2 - Construction of Cable Trench and providing Ducts for EHT and HT lines Sr. No. 13a, Page No. 877.				
Replace						
Item No.	Item Description	Unit	Quantity	Unit Rate in Rs (Figure)	Unit Rate in Rs (Words)	Total Amount in Rs
	Section No.2 Cable Trough Construction Work:					
13a	Supply and Laying of 150 MM Dia HDPE pipes	Mtr	4000.0	1,500	One Thousand Five Hundred	1,05,00,000

Sr. No.	Description	Clause No. and Page No. of Original Tender Document						
		With						
		Item No.	Item Description	Unit	Quantity	Unit Rate in Rs (Figure)	Unit Rate in Rs (Words)	Total Amount in Rs
			Section No.2 Cable Trough Construction Work:					
		13a	Supply and Laying of 150 MM Dia HDPE pipes	Mtr	4000.0	1,500	One Thousand Five Hundred	60,00,000
5	Section IX – BOQ	Clause No. 2.3.3 – Price Schedule for Civil Part, 2.3.3.5 – General Development, Page No. 886.						
		Replace						
		Item No.	Item Description	Unit	Quantity	Unit Rate in Rs (Figure)	Unit Rate in Rs (Words)	Total Amount in Rs
		1	Land Development (Filling & Levelling)	Cum	4840	1380	One Thousand Two Hundred	5808000
		3	Boundary wall (as per Drawing attached)	RM	308	22900	Twenty-Two Thousand Nine Hundred	7053200
		4	Metal Spreading	Cum	400	2500	Two Thousand Five Hundred	1000000
		5	Cutting down trees including trunks and branches and staking the materials neatly with all leads etc. complete as directed by Engineer-in-charge. The tree of girth above 900mm to 1200mm.	No	1	16415	Sixteen Thousand Four Hundred Fifteen Rupees	16415
		6	Supplying, stacking & Planting of approved trees of at least 1.0 m height above GL in excavated pit of size 1.2 m x 1.2m x 1.2m, at the site shown by the Engineer, back filing the pit by putting the manure & soil and watering & maintaining for 3 years, including depositing the excavated earth, etc. complete as directed by Engineer-in-charge.	No	3	1820	One Thousand Eight Hundred Twenty Rupees	5461
		7	Construction of SWD size of 1000 mm X 1500mm depth in RCC M30 grade concrete with RCC cover (Class AA loading) with inspection chambers for routine maintenance	RM	340	17959	Seventeen Thousand Nine Hundred Fifty Nine	106247

Sr. No.	Description	Clause No. and Page No. of Original Tender Document					
8	Fire Fighting: Extension of Firefighting line from Depot to Termination yard and providing hydrants and hose pipes.	RM	100	4929	Four Thousand Nine Hundred Twenty Nine	492890	
Total Cost for General Development						1,59,56,795	
With							
Item No.	Item Description	Unit	Quantity	Unit Rate in Rs (Figure)	Unit Rate in Rs (Words)	Total Amount in Rs	
1	Land Development (Filling & Levelling)	Cum	4840	1380.00	One Thousand Three Hundred and Eighty.	66,79,200	
3	Boundary wall (as per Drawing attached)	RM	308	26335.00	Twenty-Six Thousand Three Hundred and Thirty Five.	81,11,180	
4	Metal Spreading	Cum	400	2875.00	Two Thousand Eight Hundred and Seventy-Five.	11,50,000.00	
5	Cutting down trees including trunks and branches and staking the materials neatly with all leads etc. complete as directed by Engineer-in-charge. The tree of girth above 900mm to 1200mm.	No	1	16415.10	Sixteen Thousand Four Hundred Fifteen Rupees and Ten Paise	16,415.10	
6	Supplying, stacking & Planting of approved trees of at least 1.0 m height above GL in excavated pit of size 1.2 m x 1.2m x 1.2m, at the site shown by the Engineer, back filing the pit by putting the manure & soil and watering & maintaining for 3 years, including depositing the excavated earth, etc. complete as directed by Engineer-in-charge.	No	3	1820.45	One Thousand Eight Hundred Twenty Rupees and Forty Five Paise.	5,461.35	
7	Construction of SWD size of 1000 mm X 1500mm depth in RCC M30 grade concrete with RCC cover (Class AA loading) with inspection chambers for routine maintenance	RM	340	17959.55	Seventeen Thousand Nine Hundred Fifty Nine Rupees and Fifty Five Paise.	61,06,247.00	
8	Fire Fighting: Extension of Firefighting line from Depot to Termination yard and providing hydrants and hose pipes.	RM	100	4928.90	Four Thousand Nine Hundred Twenty Eight Rupees and Ninety Paise.	4,92,890.00	
Total Cost for General Development						2,25,61,393.45	

Sr. No.	Description	Clause No. and Page No. of Original Tender Document		
6.	Section IX – BOQ	Clause No. 2 – Price Schedule, 2.1 – Employer’s Cost Estimate in Rs, Page No. 836.		
Replace				
		Sr. No	Description	Total Cost in Rs
		2.3.1	Supply Part (Electrical)	
		2.3.1.1	Procurement, Supply, Transport, Storage and handling at site of EHV, HV, LV Cables and Accessories	22,50,40,669
		2.3.1.2	Procurement, Supply, Transport, Storage and handling at site of Transmission Tower Accessories	77,29,097
		2.3.1.3	Procurement, Supply, Transport, Storage and handling at site of 220 kV & 33 kV Equipments, Control Room Equipments and Gantry Material	8,19,83,108
			Total for Supply Part	31,47,52,875
		2.3.2	Erection Part (Electrical)	
		2.3.2.1	Laying/Erection, Testing and Commissioning of EHV, HV, LV Cables and Accessories	15,59,575
		2.3.2.2	Fabrication, Erection, Testing and Commissioning of Transmission Towers and Accessories	37,91,136
		2.3.2.3	Erection, Testing and Commissioning of various 220 kV & 33 kV Equipments and Control Room Equipments	21,78,327
			Total for Erection Part	75,29,038
		2.3.3	Associated Civil Part	
		2.3.3.1	Construction of Control Room Building, Road etc.	87,60,178
		2.3.3.2	Construction of Cable Trench and providing Ducts for EHT and HT lines	453,58,793
		2.3.3.3	Construction of foundation of 220 kV Pylons	186,10,746
		2.3.3.4	Construction of foundation for Equipments and Gantry	129,74,300
		2.3.3.5	General Development	159,56,795
			Total for Civil Part	10,16,60,812
Total Project Cost				42,39,42,725
With				
		Sr. No	Description	Total Cost in Rs
		2.3.1	Supply Part (Electrical)	
		2.3.1.1	Procurement, Supply, Transport, Storage and handling at site of EHV, HV, LV Cables and Accessories	22,50,40,669
		2.3.1.2	Procurement, Supply, Transport, Storage and handling at site of Transmission Tower Accessories	77,29,097
		2.3.1.3	Procurement, Supply, Transport, Storage and handling at site of 220 kV & 33 kV Equipments, Control Room Equipments and Gantry Material	8,19,83,108
			Total for Supply Part	31,47,52,875

Sr. No.	Description	Clause No. and Page No. of Original Tender Document		
		2.3.2	Erection Part (Electrical)	
		2.3.2.1	Laying/Erection, Testing and Commissioning of EHV, HV, LV Cables and Accessories	15,59,575
		2.3.2.2	Fabrication, Erection, Testing and Commissioning of Transmission Towers and Accessories	37,91,136
		2.3.2.3	Erection, Testing and Commissioning of various 220 kV & 33 kV Equipments and Control Room Equipments	21,78,327
			Total for Erection Part	75,29,038
		2.3.3	Associated Civil Part	
		2.3.3.1	Construction of Control Room Building, Road etc.	87,60,178
		2.3.3.2	Construction of Cable Trench and providing Ducts for EHT and HT lines	453,58,793
		2.3.3.3	Construction of foundation of 220 kV Pylons	186,10,746
		2.3.3.4	Construction of foundation for Equipments and Gantry	129,74,300
		2.3.3.5	General Development	225,61,393
			Total for Civil Part	10,82,65,410
		Total Project Cost		43,05,47,323
7.	Section I – NIT & Section II - ITT	<p>Clause No. 1.1.10 (ii), Page No. 8. & Clause No. C20, Page No. 19</p> <p>Replace</p> <p>(i) Earnest Money Deposit</p> <p>Earnest money deposit for this work will be Rs. 42,39,000/- only. The Tenderer shall submit with his Tender a Tender Security for the sum mentioned in NIT in the following forms:</p> <p>With</p> <p>(i) Earnest Money Deposit</p> <p>Earnest money deposit for this work will be Rs. 43,05,000/- only. The Tenderer shall submit with his Tender a Tender Security for the sum mentioned in NIT in the following forms:</p>		

Sr. No.	Description	Clause No. and Page No. of Original Tender Document																																								
8.	Section I – NIT	Clause No. 1.1.2, Page No. 1. Replace <table border="1" data-bbox="430 352 2128 756"> <thead> <tr> <th data-bbox="430 352 528 448">Sr No.</th> <th data-bbox="528 352 1146 448">Name of Work</th> <th data-bbox="1146 352 1379 448">Estimated Cost (Rs. In Lakhs)</th> <th data-bbox="1379 352 1619 448">Earnest Money (Rs. In Lakhs)</th> <th data-bbox="1619 352 1919 448">Security Deposit (Rs. In Lakhs)</th> <th data-bbox="1919 352 2128 448">Time Period</th> </tr> <tr> <td data-bbox="430 448 528 507">1</td> <td data-bbox="528 448 1146 507">2</td> <td data-bbox="1146 448 1379 507">3</td> <td data-bbox="1379 448 1619 507">4</td> <td data-bbox="1619 448 1919 507">5</td> <td data-bbox="1919 448 2128 507">6</td> </tr> <tr> <td data-bbox="430 507 528 756">1.</td> <td data-bbox="528 507 1146 756"><i>Procurement, Supply, Installation, Testing and Commissioning of various Power Supply works including associated Civil works, required for diversion of 220 kV and 33 kV Transmission Lines along with the Transmission towers belonging to M/s Reliance Infrastructure Ltd. in Aarey depot area for Mumbai Metro Line -3”</i></td> <td data-bbox="1146 507 1379 756">4239.43</td> <td data-bbox="1379 507 1619 756">42.39</td> <td data-bbox="1619 507 1919 756">10% of the Estimated amount put to Tender or Contract price, whichever is higher</td> <td data-bbox="1919 507 2128 756">426 Days (Including Monsoon)</td> </tr> </thead></table> With <table border="1" data-bbox="430 879 2128 1283"> <thead> <tr> <th data-bbox="430 879 528 975">Sr No.</th> <th data-bbox="528 879 1146 975">Name of Work</th> <th data-bbox="1146 879 1379 975">Estimated Cost (Rs. In Lakhs)</th> <th data-bbox="1379 879 1619 975">Earnest Money (Rs. In Lakhs)</th> <th data-bbox="1619 879 1919 975">Security Deposit (Rs. In Lakhs)</th> <th data-bbox="1919 879 2128 975">Time Period</th> </tr> <tr> <td data-bbox="430 975 528 1034">1</td> <td data-bbox="528 975 1146 1034">2</td> <td data-bbox="1146 975 1379 1034">3</td> <td data-bbox="1379 975 1619 1034">4</td> <td data-bbox="1619 975 1919 1034">5</td> <td data-bbox="1919 975 2128 1034">6</td> </tr> <tr> <td data-bbox="430 1034 528 1283">1.</td> <td data-bbox="528 1034 1146 1283"><i>Procurement, Supply, Installation, Testing and Commissioning of various Power Supply works including associated Civil works, required for diversion of 220 kV and 33 kV Transmission Lines along with the Transmission towers belonging to M/s Reliance Infrastructure Ltd. in Aarey depot area for Mumbai Metro Line -3”</i></td> <td data-bbox="1146 1034 1379 1283">4305.47</td> <td data-bbox="1379 1034 1619 1283">43.05</td> <td data-bbox="1619 1034 1919 1283">10% of the Estimated amount put to Tender or Contract price, whichever is higher</td> <td data-bbox="1919 1034 2128 1283">426 Days (Including Monsoon)</td> </tr> </thead></table>					Sr No.	Name of Work	Estimated Cost (Rs. In Lakhs)	Earnest Money (Rs. In Lakhs)	Security Deposit (Rs. In Lakhs)	Time Period	1	2	3	4	5	6	1.	<i>Procurement, Supply, Installation, Testing and Commissioning of various Power Supply works including associated Civil works, required for diversion of 220 kV and 33 kV Transmission Lines along with the Transmission towers belonging to M/s Reliance Infrastructure Ltd. in Aarey depot area for Mumbai Metro Line -3”</i>	4239.43	42.39	10% of the Estimated amount put to Tender or Contract price, whichever is higher	426 Days (Including Monsoon)	Sr No.	Name of Work	Estimated Cost (Rs. In Lakhs)	Earnest Money (Rs. In Lakhs)	Security Deposit (Rs. In Lakhs)	Time Period	1	2	3	4	5	6	1.	<i>Procurement, Supply, Installation, Testing and Commissioning of various Power Supply works including associated Civil works, required for diversion of 220 kV and 33 kV Transmission Lines along with the Transmission towers belonging to M/s Reliance Infrastructure Ltd. in Aarey depot area for Mumbai Metro Line -3”</i>	4305.47	43.05	10% of the Estimated amount put to Tender or Contract price, whichever is higher	426 Days (Including Monsoon)
Sr No.	Name of Work	Estimated Cost (Rs. In Lakhs)	Earnest Money (Rs. In Lakhs)	Security Deposit (Rs. In Lakhs)	Time Period																																					
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NOTICE INVITING TENDER (NIT)**1.1 GENERAL****1.1.1 Name of Work:**

Mumbai Metro Rail Corporation (MMRC) Ltd invites online open e-tenders from eligible and interested bidders who fulfil qualification criteria as stipulated in Clause 1.1.3 of NIT, for the work ***“Contract -MM3-CBS-REL-PYL-: Procurement, Supply, Installation, Testing and Commissioning of various Power Supply works including associated Civil works, required for diversion of 220 kV and 33 kV Transmission Lines along with the Transmission towers belonging to M/s Reliance Infrastructure Ltd. in Aarey depot area for Mumbai Metro Line -3”***

The brief scope of the work and site information is provided in ITT clause A1 (Section II) & Employer Requirements (Section VII).

1.1.2 Key Details:

Sr No	Name of Work	Estimated Cost (Rs. In Lakhs)	Earnest Money (Rs. In Lakhs)	Security Deposit (Rs. In Lakhs)	Time Period
1	2	3	4	5	6
1.	<i>Procurement, Supply, Installation, Testing and Commissioning of various Power Supply works including associated Civil works, required for diversion of 220 kV and 33 kV Transmission Lines along with the Transmission towers belonging to M/s Reliance Infrastructure Ltd. in Aarey depot area for Mumbai Metro Line -3”</i>	4305.47	43.05	10% of the Estimated amount put to Tender or Contract price, whichever is higher	426 Days (Including Monsoon)

Sr. No.	Tender Schedule	Bidder Schedule	Start Date & Time	End Date & Time
1.	Tender Authorization and Publishing	-----	-----	10/04/2017, 1800 hrs
2.	-----	Tender Document Download	11/04/2017, 1000 hrs	19/07/2017, 1800 hrs
3.	Pre-bid Meeting	-----	21/04/2017, 1100 hrs	-----
4.	-----	Seeking Clarification	11/04/2017, 1000 hrs	06/07/2017, 1800 hrs
5.	Tender Closing	-----	20/07/2017, 1000 hrs	20/07/2017, 1800 hrs

‘online tendering process’. After registration, the bidder will get user id and password. On login, bidder can participate in tendering process and can witness various activities of the process.

- 1.1.9** Bidders should have valid clause 3 Digital Signature Certificate (DSC) having both Signing and Encryption Certificates obtained from any Certifying Authorities empanelled by Controller of Certifying Authorities India. In case of requirement of DSC,

Bidders should go to <https://www.tenderwizard.com/MMRC> and follow the procedure mentioned in the document Procedure for Digital Certificate.

- 1.1.10** Tender submissions will be made online after uploading the mandatory scanned documents Bid shall be submitted online on the e-tendering portal in ‘**three electronic envelopes system**’ within prescribed schedule.

a. e-Envelope ‘A’ (Tender Fee, EMD, Prequalification Criteria if any)

Bidder should generate and upload scanned copies of Receipt for the following –

- i. Generate Receipt for e-tender fee
- ii. Upload Receipt of Earnest Money Deposit (EMD)

b. e-Envelope ‘B’ (Technical Bid)

Bidder shall upload scanned copies of Technical Document as per RFP/Bid document.

c. e-Envelope ‘C’ (Financial Bid)

Tenderer shall quote his offer as percentage below/above/at par the estimated cost electronically at the prescribed space in the dialog box in envelope- C. The amount quoted by the tenderer shall be calculated by system.

- Under “MMRC- Financial Bid Percentage Rate”
- Under “Price Bid- Covering Letter”

Upload the digitally signed copy of Tender document and Quotation in company’s Letter head under the template” Price Bid- Covering Letter” bidder shall upload scanned copy of Financial Proposal (Financial Package) **Section IX** of Tender document duly Quoted/Filled.

Payment Procedure for Tender Fee and EMD

(i) Tender Fee:

Tender Document and Supporting can be downloaded for reference purpose from the e-Tendering Portal of MMRC during the period mentioned in the tender notice. Interested Bidders have to make online payment of Tender Fee using online payment gateway during bid preparation i.e. Debit Card/Credit Card/Net-Banking. Tender Fee receipt can be system generated during bid preparation by the Bidder.

(ii) Earnest Money Deposit

Earnest money deposit for this work will be **Rs. 43,05,000/- only.** The Tenderer shall submit with his Tender a Tender Security for the sum mentioned in NIT in the following forms:

- a. An amount of INR 1,00,000 (Rupees One Lakh) Through RTGS/NEFT/Net Banking/Credit card/Debit Card

C.15 Pricing Document

The Pricing Document is included in Bill of Quantities; **Section IX**. The Tenderer shall complete the Document in accordance with the instructions given in Bill of Quantity. The completed Pricing Document including price of minor deviations for such deviation as mentioned in Appendix 11 of FOT shall be submitted.

The price of each such minor deviation will be the price which the Tenderer agrees to offer to the employer from his quoted offer, if deviation is agreed by the employer. Any such deviation without a price shall not be considered and will be treated as withdrawn by the tenderer. Any other deviation mentioned anywhere in the submission other than in Appendix-11 of FOT shall be considered as if mentioned inadvertently by the tenderer and shall be considered as withdrawn without any confirmation from the tenderer.

The Tenderer is to note that the completion period must be adhered to strictly failing which Liquidated Damages shall be levied to the contractor.

C.16 Currencies of Tender and Payment

The Tenderer shall quote his price only in INR and the Payment also shall be made in INR only

C.17 Tender Index

The tenderer shall include with his tender an index **Appendix 7 to the FOT** which cross refers all of the Employer's tender requirements elaborated in these documents to all the individual sections within Contract Technical Package and Contract Financial Package which the Tenderer intends to be the responses to each and every one of those requirements.

C.18 Modification, Substitution and Withdrawal of Tenders

Except where expressly permitted by these instructions, the Tenderer shall not make or cause to be made any alteration, erasure or obliteration to the text of the documents prepared by the Employer and submitted by the Tenderer with or as part of his Tender.

The Tenderer's modification or withdrawal notice shall be prepared, sealed, marked and delivered, with the outer and inner envelopes additionally marked "MODIFICATION" or "WITHDRAWAL", as appropriate.

No Tender may be modified by the Tenderer after the deadline for submission of Tenders.

Withdrawal of a tender during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Tender shall result in the forfeiture of the Tender Guarantee.

C.19 Pricing Condition, Qualification, Deviation etc.

Tenderer shall further note that except for deviations listed in Appendix F of ITT, tender shall be deemed to comply with all the requirements in the tender documents including employer's requirements, without any extra cost to the employer irrespective of any mention to contrary, anywhere else in the tender.

C.20 Earnest Money Deposit/ Tender Security: -

Earnest money deposit for this work will be **Rs. 43,05,000/- only**. The Tenderer shall submit with his Tender a Tender Security for the sum mentioned in NIT in the following forms:

- a. An amount of INR 1,00,000 (Rupees One Lakh) Through RTGS/NEFT/Net Banking/Credit card/Debit Card
- b. For the balance Tender Security/Earnest Money, Irrevocable bank guarantee issued by a Scheduled Commercial Bank (including Schedule Commercial Foreign Banks) in India, in the form given in Annexure 6, of the Instruction to Tenderers (ITT), payable at Mumbai shall be submitted before the tender closing date as mentioned in NIT.

(In case of joint venture/consortia, Bank Guarantee for Tender Security shall be in the name of joint venture/consortia and not in name of individual members.) The Tender Security shall

2. Price schedule

2.1 Employer's Cost Estimate in Rs.

Sr. No	Description	Total Cost in Rs
2.3.1	Supply Part (Electrical)	
2.3.1.1	Procurement, Supply, Transport, Storage and handling at site of EHV, HV, LV Cables and Accessories	22,50,40,669
2.3.1.2	Procurement, Supply, Transport, Storage and handling at site of Transmission Tower Accessories	77,29,097
2.3.1.3	Procurement, Supply, Transport, Storage and handling at site of 220 kV & 33 kV Equipments, Control Room Equipments and Gantry Material	8,19,83,108
	Total for Supply Part	31,47,52,875
2.3.2	Erection Part (Electrical)	
2.3.2.1	Laying/Erection, Testing and Commissioning of EHV, HV, LV Cables and Accessories	15,59,575
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	Total for Erection Part	75,29,038
2.3.3	Associated Civil Part	
2.3.3.1	Construction of Control Room Building, Road etc.	87,60,178
2.3.3.2	Construction of Cable Trench and providing Ducts for EHT and HT lines	453,58,793
2.3.3.3	Construction of foundation of 220 kV Pylons	186,10,746
2.3.3.4	Construction of foundation for Equipments and Gantry	129,74,300
2.3.3.5	General Development	225,61,393
	Total for Civil Part	10,82,65,410
Total Project Cost		43,05,47,323

**Contract: - MM3 CBS-REL-PYL
Section IX: Bill of Quantities**

44	False Flooring Work:- False flooring work P/F approved false floor (Metal), make - Armstrong/Anrax/DG or equivalent in Server Room with 600 x600mm laminate tile fixed on adjustable studs approximate upto 225mm in height in proper line and levelling, including closing with ply and laminate at entrance for door closing area as per specification and as directed. (Only the floor area shall be paid. No wastage shall be paid)	Sqm	160.8	4750	Four Thousand Seven Hundred and Fifty only	7,63,800.00
	ROAD WORKS					
45	Providing & laying Granular Sub-Base (GSB) as per clause 401 of M.O.R.T.& H (2001) specifications of specified grading (Table 400-1 or 400-2) in specified thickness in layers. The item to include premixing the materials in plant, transportation to site, spreading in uniform layers with motor grader on a prepared subgrade, compacting with vibratory rollers till 98% of the maximum dry density (IS 2720 part-8) is achieved, etc. complete as directed by Engineer-in-charge.	Cum	150	1,194.00	One Thousand One Hundred Ninety Four.	1,79,100.00
46	Providing & laying Wet Mix Macadam (WMM) as per clause 406 of M.O.R.T.&H (2001) specifications of specified grading (Table 400-11) in specified thickness in layers. The item to include premixing the materials in plant, transportation to site, spreading in uniform layers with paver on a prepared sub-base, compacting with vibratory rollers till 98% of the maximum dry density (IS 2720 Part-8) is achieved, etc. complete as directed by Engineer-in-charge.	Cum	225	1,570.00	One Thousand Five Hundred Seventy.	3,53,250.00

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10	Providing and laying RMC M-40 Grade for RCC wall, pedestal work as per IS 456:2000 including formwork, scaffolding, transportation, pouring the concrete, compaction, with all contractors labour, machinery, material, lead, lift, etc. complete as directed by Engineer-in-charge. (Excluding reinforcement and structural steel).	Cum	423	9,431.00	Nine Thousand Four Hundred Thirty One.	39,89,313.00
11	Providing and laying RMC M-40 Grade for RCC slab (top slab) work as per IS 456:2000 including formwork, scaffolding, transportation, pouring the concrete, compaction, with all contractors labour, machinery, material, lead, lift, etc. complete as directed by Engineer-in-charge. (Excluding reinforcement and structural steel).	Cum	237	10,756.00	Ten Thousand Seven Hundred Fifty Six.	25,49,172.00
12	Supplying & Fixing of Fe 500 TMT Reinforcement Steel of all diameters for structure including straightening, cutting, bending, hooking by machine, tying in position including binding wire, spacers, chairs, cover blocks, other consumables as per detailed drawing including all leads and lifts, etc. complete as directed by Engineer-in-charge.	MT	108	73,857.00	Seventy Three Thousand Eight Hundred Fifty Seven.	79,76,556.00
13	Supply and Laying of 250 MM Dia HDPE pipes	Mtr	5500.0	1,800	One Thousand Eight Hundred	99,00,000
13a	Supply and Laying of 150 MM Dia HDPE pipes	Mtr	4000.0	1,500	One Thousand Five Hundred	60,00,000
14	Construction of pulling chamber (in Brick)	Nos	8.0	50,000	Fifty Thousand	4,00,000
15	Supply & Filling Sand	Cum	520.0	1,800	One Thousand Eight Hundred	9,36,000
16	Bentonite Slurry Filling inside pulling chambers and inside HDPE Pipes	Cum	450.0	1,700	One Thousand Seven Hundred	7,65,000
17	Supply & Laying/Fixing of RCC tiles (600mm X 500mm X 50mm)	Nos	1000.0	230	Two Hundred Thirty	2,30,000
18	Supply & Laying/Fixing of RCC tiles (1200mm X 500mm X 50mm)	Nos	1000.0	525	Five Hundred Twenty Five	5,25,000
19	Supply & Laying of Warning Tape	RMT	1500.0	70	Seventy	1,05,000
Total Amount for Construction of Cable Trench and Ducts for HT line						4,53,58,793

2.3.3.5 General Development

Item No.	Item Description	Unit	Quantity	Unit Rate in Rs (Figure)	Unit Rate in Rs (Words)	Total Amount in Rs
1	Land Development (Filling & Levelling)	Cum	4840	1380.00	One Thousand Three Hundred and Eighty.	66,79,200
3	Boundary wall (as per Drawing attached)	RM	308	26335.00	Twenty-Six Thousand Three Hundred and Thirty Five.	81,11,180
4	Metal Spreading	Cum	400	2875.00	Two Thousand Eight Hundred and Seventy-Five.	11,50,000.00
5	Cutting down trees including trunks and branches and staking the materials neatly with all leads etc. complete as directed by Engineer-in-charge. The tree of girth above 900mm to 1200mm.	No	1	16415.10	Sixteen Thousand Four Hundred Fifteen Rupees and Ten Paise	16,415.10
6	Supplying, stacking & Planting of approved trees of at least 1.0 m height above GL in excavated pit of size 1.2 m x 1.2m x 1.2m, at the site shown by the Engineer, back filing the pit by putting the manure & soil and watering & maintaining for 3 years, including depositing the excavated earth, etc. complete as directed by Engineer-in-charge.	No	3	1820.45	One Thousand Eight Hundred Twenty Rupees and Forty Five Paise.	5,461.35
7	Construction of SWD size of 1000 mm X 1500mm depth in RCC M30 grade concrete with RCC cover (Class AA loading) with inspection chambers for routine maintenance	RM	340	17959.55	Seventeen Thousand Nine Hundred Fifty Nine Rupees and Fifty Five Paise.	61,06,247.00
8	Fire Fighting: Extension of Firefighting line from Depot to Termination yard and providing hydrants and hose pipes.	RM	100	4928.90	Four Thousand Nine Hundred Twenty Eight Rupees and Ninety Paise.	4,92,890.00
Total Cost for General Development						2,25,61,393.45
Total for Civil Part						10,82,65,410

*Note – Quoted Rate in above schedule for each of above item should be complete rate, including all taxes, royalty, transportation, loading, unloading, lead & lift, service charges etc. and no extra payment shall be paid on this account.