

DM/UD/COR-OF/070

Dated: 01.01.2020

**LETTER OF ACCEPTANCE**

To,

**M/s Vishal Enterprises**

SF-10, Cross River Mall,

Shahdara, Delhi-110032

Tel:- 011-42111990, 9810725121

Email Id: vishal.entps@gmail.com

**(hereinafter termed as Contractor)**

(Kind Attention- **Mr. Vishal Sharma**)

**Sub: - Bid No.: DM/UD/COR-OF/070: Shifting / Modification of Electrical Utilities of 33kV, 11kV, LT Lines, Transformers etc. of PVVNL, infringing Delhi – Ghaziabad – Meerut RRTS Corridor of NCRTC (Chainage 15200 - 16500) [BEL (Link Road Thana) to Euro Park].**

Ref: -

- i. Press Advertisement dated 24.09.2019
- ii. Bid Reference No DM/UD/COR-OF/070 dated 24.09.2019
- iii. Addendum No. 1 Published on 24.10.2019
- iv. Addendum No. 2 Published on 30.10.2019
- v. Addendum No. 3 Published on 07.11.2019
- vi. Technical Bid opened on 15.11.2019.
- vii. Financial Bid Opened on 18.12.2019

With reference to the above this is to inform to the Contractor that the bid for the subject work of **Bid No.DM/UD/COR-OF/070: Shifting / Modification of Electrical Utilities of 33kV, 11kV, LT Lines, Transformers etc. of PVVNL, infringing Delhi – Ghaziabad – Meerut RRTS Corridor of NCRTC (Chainage 15200 - 16500) [BEL (Link Road Thana) to Euro Park]** has been accepted by National Capital Region Transport Corporation Ltd (hereinafter termed as "Employer") at total contract value of **Rs. 7,51,02,907.95 (Indian Rupees Seven Crore Fifty One Lakh Two Thousand Nine Hundred Seven and Ninety Five Paise Only)**, hereinafter termed as "Contract value", **inclusive of all taxes, duties, royalties etc. excluding GST.** The scope of work, accepted rates and terms/conditions applicable to this LOA are as under:



Page 1 of 3 (Bid No. DM/UD/COR-OF/070)

Registered & Corporate Office:

7/6, सिरी फोर्ट इंस्टीट्यूशनल एरिया, अगस्त क्रांति मार्ग, नई दिल्ली 110049

7/6, Siri Fort Institutional Area, August Kranti Marg, New Delhi 110049

CIN: U60200DL2013GOI256716

P: +91 11 41066943 F: +91 11 41066953

M: contactus@ncrtc.in

## **1.0 Scope of Work**

In terms of **ITB 1.1 (Instructions to Bidders)**, Section-1 of the bid documents, the scope of work covered under this LOA is as stipulated in **Part-II Employer's (Works) Requirement** under the bid documents read with amendments referred above, uploaded on Employer's website and submitted by the Contractor with their bid. The work shall be carried out as per the above scope of work.

## **2.0 Accepted Rates/Cost and Payment Schedule**

**2.1** The accepted rates for various items of work covered under this LOA are stipulated in the Bill of Quantities enclosed as **Annexure-I (Bill of Quantities)** to this LOA. The Accepted rates shall include all duties, taxes, royalties, cess and other levies payable by the Bidder under the Contract, or for any other cause (including standard specifications), as on the date 28 days prior to the deadline for submission of bids except Goods and Services Tax (GST). GST will be paid extra as applicable on the submission of GST Invoices for first RA bill. The subsequent RA bill shall be raised for payment upon submission of documentary evidence towards payment of GST collected on the previous bill to the GST Authorities. However, if subsequent bills are raised before return submission date of previous bill period, the documentary evidence towards payment of GST shall be provided within 7 days from the due date of such return filing. The Final bill/single bill payment shall be released on the undertaking by the contractor/supplier for providing evidence within 7 days from the due date of such return filing for final bill based on GST provision for due dates

**2.2** As per Bid Conditions, this is fixed priced contract. Price Adjustment shall not be applicable in the present Contract.

## **3.0 Completion Period**

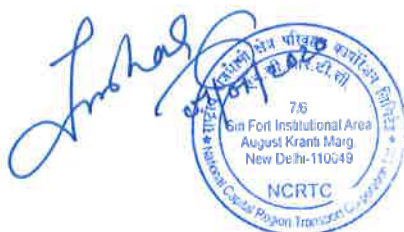
In terms of **Clause 1.2 (c) of IFB** of the bid documents, the entire work shall be completed in a period of **09 months from** the commencement date. As per **clause 8.1 of GCC, Section-5**, the commencement date will start from **08.01.2020** i.e. 07 days from the date of issue of LOA.

## **4.0 Submission of Performance Security**

In terms of **ITB 40 (Instructions to Bidders)**, **Section-1** of the bid documents, within 28 days of receipt of this Letter of Acceptance by the Contractor, the Contractor shall furnish to the Employer a Performance Security in the form of Performance Bank Guarantee stipulated in **Clause 4.2 of the General Condition of Contract (GCC), Section-5 and Appendix to Bid, Section-6** of the bid document for an amount of **Rs. 75,10,291/- (Rupees Seventy Five Lakh Ten Thousand Two Hundred and Ninety One only)** being amount equal to **10% (Ten Percent)** of the accepted Contract value as stated in **Clause 4.2 of Appendix to Bid, Section-6**.

## **4.1 Submission of Additional Performance Security**

In term of **ITB Clause 35.5**, **M/s Vishal Enterprises** is required to furnish "Additional Performance Security for an amount of **INR 1,42,938/- (Rupees One Lakh Forty Two Thousand Nine Hundred and Thirty Eight Only)**. The validity of this 'Additional Performance Security would be up to the completion period of the work as stipulated in **ITB Clause 35.5**.



## 5.0 Release of Bid Security

In terms of **ITB 19.5 (Instructions to bidders), Section-1** of the bid document, the bid security submitted by the Contractor with his bid shall be returned upon the execution of the contract agreement and on receipt of the performance security by the Employer or the condition stipulated in bid documents.

## 6.0 Signing of Contract Agreement

In terms of **ITB 41 of Section-1 (Instructions to Bidders)** of the bid documents, the Contractor shall enter into a contract agreement with the Employer for the works covered under this LOA within the time limits as specified therein. The Contractor shall be informed by the Employer about signing of contract agreement on receipt of acceptance of this LOA and Performance Security by the Employer.

## 7.0 Other Terms and Conditions

The execution of this contract shall be governed by the various stipulations in the bid documents and its amendments referred above. Any deviation from the above conditions, submitted by the Contractor in its bid, if any, stands withdrawn.

## 8.0 Nomination of Engineer in Charge

In terms of Clause 3.1 of General Conditions of Contract, Section-5, it is to inform that **Chief Project Manager/Delhi**, National Capital Region Transport Corporation, Behind IDTR, Sarai Kale Khan, Shri Tara Chand Saini Marg, Nizamuddin East, New Delhi-110013 has been nominated as the Engineer for the subject Contract. The Contractor is advised to interact with the above official for further instructions as regards the execution of works.

## 9.0 Acceptance of the LOA

This letter of acceptance is being issued in duplicate, in favour of the Contractor. The copy marked as "Duplicate" is required to be returned by the Contractor, duly signed and stamped on each page by the authorized signatory of the Contractor, as a token of Contractor unconditional acceptance of the same so as to reach the undersigned within seven days of issue of this letter. This LOA shall constitute a binding agreement between the Employer and the Contractor till such time a formal agreement is signed between the Employer and the Contractor for the execution of this contract.

Please acknowledge receipt of the letter.

Yours faithfully,

For & on behalf of  
National Capital Region Transport Corporation Limited

  
(Tushar Singh)  
Sr. Deputy General Manager/Procurement-I



Encl: Annexure-I (Bill of Quantities: Total 06 pages).

Copy to: GGM/Elect, CPM/Delhi, Sr.DGM/Elect., AGM/Finance, GM/Planning,  
Sr. DGM HR.

**NATIONAL CAPITAL REGION TRANSPORT CORPORATION LIMITED**

**Annexure-I**



**Name of work : Bid No. DM/UD/COR-OF/070: Shifting/ Modification of Electrical Utilities of 33kV, 11kV, LT Lines, Transformers etc. of PVVNL infringing Delhi – Ghaziabad – Meerut RRTS Corridor of NCRTC (Chainage: 15200- 16500) [BEL (Link Road Thana) to Euro Park]**

**PART-III**

**Section-10**

**Bill of Quantities**

**NATIONAL CAPITAL REGION TRANSPORT CORPORATION LTD**

**7/6, Siri Fort Institutional Area, August Kranti Marg, New Delhi-110049, Phone: 011-41066943, Fax: 011-4106 6953**



Bill of Quantities

PREAMBLE

<p>1. The Bill of Quantities (BOQ) shall be read in conjunction with Instruction to Bidders, General and Particulars Conditions of Contract, Notice for Invitation of bids, Technical specification (if any), Employer's Requirements (if any) and Tender Drawings.</p>
<p>2. The accepted rates/prices to be tendered in the BOQ are for completed and finished items of work and complete in all respect.</p>
<p>3. The accepted rates/percentage are inclusive of all taxes, duties, levies, cess, Royalties, insurances &amp; all other incidental charges except Goods and Services Tax, required to fulfill the Bid Conditions including statutory deductions viz. TDS towards Income Tax / Works Contract Tax / GST TDS / Labour Cess etc. GST shall be paid as per para 2.1 of LOA</p>


**BILL OF QUANTITIES  
SUMMARY SHEET**

Name of work : Bid No. DM/UD/COR-OF/070: Shifting/ Modification of Electrical Utilities of 33kV, 11kV, LT Lines, Transformers etc. of PVVNL infringing Delhi – Ghaziabad – Meerut RRTS Corridor of NCRTC (Chainage: 15200- 16500) [BEL (Link Road Thana) to Euro Park]

NAME OF BIDDER		M/s Vishal Enterprises			
S.No.	Description	BOQ Amount (in INR)	Percentage accepted by the bidder above/below/ at par the BOQ amount of respective part		Amount (in INR) (in fig.)
			Above/below/at par	(Accepted Percentage (%age) in figure)	
1	2	3	4	5	6
1	Total of Part - A: 11kV & LT Lines and Transformers	₹ 1,91,54,965.28	Below	13.20	₹ 1,86,26,509.86
2	Total of Part - B: 33kV Lines	₹ 6,73,69,122.22	Below	13.20	₹ 5,84,76,398.09
3	Total of Part - A & B (A+B)	₹ 8,65,24,087.50	N.A.	N.A.	₹ 7,51,02,907.95

DM/UD/COR-OF/070: Shifting/ Modification of Electrical Utilities of 33kV, 11kV, LT Lines, Transformers etc. of PVVNL infringing Delhi – Ghaziabad – Meerut RRTS Corridor of NCRTC (Chainage: 15200- 16500) [BEL (Link Road Thana) to Euro Park]

REVISED Part-A : Shifting/ Modification of Electrical Utilities of 11kV, LT Lines, Transformers etc. of PVVNL infringing Delhi – Ghaziabad – Meerut RRTS Corridor of NCRTC

Sr. No.	Description	Unit	Qty.	Rate (INR)	TOTAL (INR)
1	Supply and Erection of Steel tubular 11 Mtr. Long Pole including muffing with cement concrete 1:3:6 etc complete as per latest IS: 2713 and site requirements	Nos.	52	16842.95	875833.40
2	Supply and Erection of Steel tubular 9 Mtr. Long Pole including muffing with cement concrete 1:3:6 etc complete as per latest IS: 2713 and site requirements	Nos.	4	11096.69	44386.76
3	Supply and Erection of PCC POLE 09 MTR including muffing with cement concrete 1:3:6 etc complete as per latest IS : 1678 and site Requirement	Nos.	4	4032.18	16128.72
4	Supply, stringing, Testing & Commissioning of LT AB Cable 3 C X 95 sqmm + 70 sq. mm + 16 sq mm as per latest IS: 14255 and including insulation piercing connectors / P.G. clamps etc. as per site requirements	Mtr.	200	258.72	51744.00
5	Supply and erection of Suspension clamp assembly with Eye Hook and all required hardware fittings & accessories, stringing/connection of AB cables etc.	Nos.	20	43.14	862.80
6	Supply of Dead end clamp assembly with Eye Hook and all required hardware fittings & accessories, stringing/connection of AB cables etc.	Set	4	43.14	172.56
7	Supply, Erection, Testing & Commissioning of 11 KV GO/DO Switch complete with all hardware fittings & accessories.	Nos.	16	5177.85	82845.60
8	Supply and erection of 11 KV Disc Insulator complete with all hardware fittings & accessories as per PVVNL requirement and specifications.	Nos.	30	86.30	2589.00
9	Supply and erection of 11 KV Pin Insulator with Pin & complete with all hardware fittings & accessories as per PVVNL specifications and requirements.	Nos.	60	86.30	5178.00
10	Supply & providing stay set in H.T./L.T. line complete with all hardware fittings & accessories as per PVVNL specifications and requirements.	Nos.	20	1665.73	33314.60
11	Supply and erection of Stay wire 7/8 SWG with all hardware fittings & accessories	KG	200	74.96	14992.00
12	Supply and erection of Guy Insulators with all hardware fittings & accessories.	Nos.	20	83.29	1665.80
13	Supply, stringing, Testing & Commissioning of ACSR DOG conductor	Mtr.	100	79.07	7907.00
14	Supply, fabrication and fixing of MS fittings, channels, angles, flats, cross arms, clamps, hardware, nut-bolts etc. as required.	Kg	4000	43.14	172560.00
15	Supply, erection, Testing & Commissioning of Earthing with 3 Mtr. Long GI pipe as per latest IS: 3043	Set	104	1294.46	134623.84
16	Supply and fixing of Earthing GI Strip of size 25 X 6 mm	Mtr.	1740	138.82	241546.80
17	Supply, Laying, Testing & Commissioning of following under ground 11 KV XLPE Armoured cable as per latest version of IS: 7098 (part-2) and site requirements		0		
17.1	11 KV 3 C X 300 sq mm	Mtr.	8500	1268.57	10782845.00
17.2	11 KV 3 C X 185 sq mm	Mtr.	1000	916.15	916150.00
18	Supply, Laying, Testing & Commissioning including terminations of following under ground 1100V grade LT XLPE Armoured cable as per latest version of IS: 7098 (part-1) and site requirements		0		
18.1	3.5 C X 150 sqmm	Mtr.	400	666.28	266512.00
18.2	3.5 C X 95 sqmm	Mtr.	400	541.62	216648.00
18.3	3.5 C X 50 sqmm	Mtr.	400	333.15	133260.00
19	Digging of trench of suitable size in normal soil / pukka / foot path of tile/ Rajsthani stone/ Kota stone/ Agra stone/ Tiles for above cables laying as per PVVNL specifications and requirements.	Mtr.	3500	43.14	150990.00
20	Back filling of trench with bricks & sand for all types of cables in trench as per site requirement including transportation at site. Removal of surplus malba from the site and proper ramming of the surface.	Mtr.	3500	43.14	150990.00
21	Crossing of roads by trench-less technology by laying of HDPE pipe PN -4 Class including supply of HDPE pipe 160 mm dia. for laying of cables.	Mtr.	3500	776.68	2718380.00
22	Supply and Installation of HDPE pipe 160 mm dia PN -4 Class for cable laying in excavated trench, installation on pole structure etc. complete with clamp, nutbolt etc. as per PVVNL specifications and requirements.	Mtr.	1500	709.00	1063500.00
23	Supply, digging & laying of RCC Hume Pipe in normal soil/ foot path of tile/ Rajsthani stone/ Kota stone/ Agra stone/ Tiles 160 mm Dia, backfilling, removal of surplus malba and proper ramming of the surface	Mtr.	200	172.60	34520.00
24	Supply, making, Testing & Commissioning of Outdoor cables end termination box with all required accessories and complete in all respect of Following sizes		0		
24.1	11 KV 3 C X 300 sq mm	Nos.	110	2588.92	284781.20
24.2	11 KV 3 C X 185 sq mm	Nos.	8	2588.92	20711.36



Sr. No.	Description	Unit	Qty.	Rate (INR)	TOTAL (INR)
25	Supply, making, Testing & Commissioning of cables end termination box Indoor type with all required accessories and complete in all respect of Following sizes		0		
25.1	11 KV 3 C X 300 sq mm	Nos.	4	2588.92	10355.68
25.2	11 KV 3 C X 185 sq mm	Nos.	4	2588.92	10355.68
26	Supply, Making, Testing & Commissioning of 11 KV Straight Through Joint with all required accessories and complete in all respect of following sizes		0		
26.1	11 KV 3 C X 300 Sq.mm	Nos.	30	6472.31	194169.30
26.2	11 KV 3 C X 185 sq mm	Nos.	8	6472.31	51778.48
27	Supply & Making of Straight Through Joint of 1100V grade Aluminium XLPE Cable of required size with all required accessories and complete in all respect.	Nos.	45	2915.02	131175.90
28	Dismantling, Shifting, Re-erection, Testing & Commissioning of Distribution Transformers/PT upto 63 KVA (Including Disconnection and reconnection of cables and transformer accessories etc as required )	Nos.	6	6662.91	39977.46
29	Dismantling, Shifting, erection, Testing & Commissioning of Distribution Transformers/PT 100 KVA (Including Disconnection and reconnection of cables and transformer accessories etc as required)	Job	9	8328.64	74957.76
30	Removing of all existing electric connection from transformer (150 kVA to 990 KVA ) including accessories etc as required.	Job	2	690.38	1380.76
31	Lifting of transformer (150 kVA to 990 kVA) from existing place with the help of crane or chain pulling block and erection at new place.	Job	2	1725.95	3451.90
32	Dismantling of ACBs/LT Switch/ LT Junction Box/ Metering Box etc. from old place and erection at new place.	Job	14	690.38	9665.32
33	Connection of LT cable with ACBs/LT Switch/ Metering Box/ overhead LT line etc. as per site requirements.	Job	14	517.79	7249.06
34	Dismantling of wire mesh fencing work from old place, all around the Transformer as per site requirements including civil work with all required accessories and complete in all respect.	Job	2	862.98	1725.96
35	Fixing and painting of wire mesh fencing for protection of transformer.	Job	2	862.98	1725.96
36	Construction of Plinth suitable for various ratings of transformers with concrete, bricks etc. complete as per PVVNL specifications and site requirements.	CuM.	10	1725.95	17259.50
37	Supply and erection of Number Plate with clamp with all required accessories and complete in all respect.	Nos.	50	43.14	2157.00
38	Supply and erection of Danger Plate with clamp with all required accessories and complete in all respect.	Nos.	50	43.14	2157.00
39	Supply erection, Testing and Commissioning of Lightning Arrester for 11kV system with all required accessories and complete in all respect.	Nos.	6	1249.30	7495.80
40	Supply and laying of "B" class GI Pipe 100 mm dia for cable protection including clamps, nut-bolts etc. complete as per site requirements.	Mtr.	260	258.89	67311.40
41	Dismantling of overhead line including poles, conductors and other accessories like hardware fitting, insulators etc. including storage, transportation & handing over of dismantled/ released material to concerned PVVNL store and submission of handing over receipts (per circuit of 11kV / LT line)	Mtr.	1900	41.65	79135.00
42	Supply Erection, Testing and Commissioning of LT Distribution box including connection of LT cable, service mains etc. suitable for 8/10 Nos Consumers (2 mm CRCA sheet box) with all required accessories as per PVVNL specifications and requirements complete in all respect.	Nos.	4	3960.48	15841.92
<b>Total Amount Part 'A' (INR)</b>					<b>1,91,54,965.28</b>
<b>The above Rates / Amount are inclusive of all Taxes , duties, levies, cess, Royalties, insurances &amp; all other incidental charges except GST.</b>					



*Handwritten signature and date: 01/01/2020*



**DM/UD/COR-OF/070: Shifting/ Modification of Electrical Utilities of 33kV, 11kV, LT Lines, Transformers etc. of PVVNL infringing Delhi – Ghaziabad – Meerut RRTS Corridor of NCRTC (Chainage: 15200- 16500) [BEL (Link Road Thana) to Euro Park]**

**REVISED Part-B : Shifting/ Modification of Electrical Utilities of 33kV Lines of PVVNL infringing Delhi – Ghaziabad – Meerut RRTS Corridor of NCRTC**

Sr. No.	Description	Unit	Qty.	Rate (INR)	TOTAL (INR)
1	Supply, Laying, testing and commissioning of 3C X 300 Sq.mm Aluminum Conductor, 33kV XLPE Armoured Cable suitable for 33kV effectively earthed system conforming to IS 7098 (Part -II)1985 with latest amendment including dressing on cable support/surface as per specification.	Mtr.	24300	1890.60	45941580.00
2	Excavation of trench in normal soil / pukka / footpath of tile / Rajasthani stone / Kota stone / Agra stone / tiles suitable for cable laying as per PVVNL specifications and site requirements.	Mtr.	11000	108.49	1193390.00
3	Supply and laying of RCC cover and sand for protection on full run of cable including backfilling of trench, ramming the surface and removal of mulba as per PVVNL specifications and site requirements.	Mtr.	11000	308.69	3395590.00
4	Crossing of roads by trench-less technology by laying of HDPE pipe PN -4 Class including supply of HDPE pipe 160 mm dia. for laying of cables.	Mtr.	11000	776.68	8543480.00
5	Supply and installation of HDPE pipe 160 mm dia PN -4 Class for cable laying in excavated trench, installation on pole structure etc. complete with clamp, nutbolt etc. as per PVVNL specifications and requirements .	Mtr.	2300	709.00	1630700.00
6	Supply and Laying of RCC hume pipes 10 inch dia, NP-2 class in normal soil / pukka / footpath of tile / Rajasthani stone / Kota stone / Agra stone / tiles for cable laying as per site requirements.	Mtr.	200	216.98	43396.00
7	Supply and laying of "B" class GI Pipe 150 mm dia for cable protection including clamps, nut-bolts etc. complete as per site requirements.	Mtr.	510	1388.65	708211.50
8	Supply and fixing of cable route marker/ joint marker along cable route.	No.	100	216.98	21698.00
9	Supply, Making, Testing & Commissioning of Straight through Joint Box for 33kV XLPE AI Cable of size 3C x 300 Sq.mm.	No.	30	19676.50	590295.00
10	Supply, Making, Testing & Commissioning of Outdoor cable end termination box heat shrinkable type for 33kV XLPE AI Cable of size 3Cx300 sq. mm including all necessary connections.	No.	120	19676.50	2361180.00
11	Supply and Erection of Steel tubular 13 Mtr. Long Pole as per latest IS: 2713 and site requirements.	Nos.	70	20711.37	1449795.90
12	Supply and fixing of MS fittings, Channels, Angles, Flats, etc. as required including fabrication, painting etc.	Kg.	6000	55.55	333300.00
13	Supply, Installation, Testing & Commissioning of 33kV lightning arrester for 33 KV system in set of 3 Nos.	Set	6	21697.63	130185.78
14	Supply, Installation, Testing & Commissioning of Earthing GI pipe 3 Mtr. Long as per latest IS:3043	No.	70	1294.46	90612.20
15	Termination of running conductor 3 phase/earth wire 33kV O/H line on newly erected DP including the cost of re-sagging of conductor and including the cost of supply of disc insulators, hardware, fittings, PG clamp and labour charges for dismantling of 33kV over head portion as required at site.	Set	4	15615.71	62462.84
16	Dismantling of overhead line including poles, conductors and other accessories like hardware fitting, insulators etc. including storage, transportation & handing over of dismantled/ released material to concerned PVVNL store and submission of handing over receipts (Considering per circuit)	Mtr.	4400	41.65	183260.00
17	Providing 1 Meter high temporary barricade and arrangement for traffic diversion, safety etc. as per requirement of site.	Mtr.	500	1379.97	689985.00
<b>Total Amount Part 'B' (INR)</b>					<b>6,73,69,122.22</b>
<b>Total Amount (Part-A + Part-B)</b>				<b>INR</b>	<b>8,65,24,087.50</b>
<b>Quoted Rate @13.20% Below</b>				<b>INR</b>	<b>1,14,21,179.55</b>
<b>Net Amount (Excluding GST)</b>				<b>INR</b>	<b>7,51,02,907.95</b>

The above Rates / Amount are Inclusive of all Taxes , duties, levies, cess, Royalties, insurances & all other incidental charges except GST.

