

DM/MS/COR-OF/083

Dated: 24.01.2020

LETTER OF ACCEPTANCE

To,

M/s Shivalaya Construction Co. Pvt. Ltd.

Plot No. 137, Avtar Enclave,

Paschim Vihar, New Delhi-110063.

Ph. No. 011-45088679

Mob: 9205193348

Email: tenders@sccgroup.co.in, info@sccgroup.co.in

(hereinafter termed as Contractor)

(Kind Attention- **Mr. Shripal Aggarwal {Director}**)

Sub: - Bid No: DM/MS/COR-OF/083: Construction of Foot over bridge (FOB) at various locations from Ghaziabad (Meerut Tiraha) to Meerut Bypass along the alignment of Delhi – Ghaziabad-Meerut RRTS Corridor.

Ref: -

- i. Press Advertisement dated 26.10.2019
- ii. Bid Reference No DM/MS/COR-OF/083 dated 31.10.2019.
- iii. Addendum No. 1 Published on 03.12.2019
- iv. Technical Bid opened on 17.12.2019.
- v. Post Bid queries uploaded on 04.01.2020
- vi. Reply of Post Bid queries downloaded on 11.01.2020
- vii. Financial Bid Opened on 20.01.2020

With reference to the above this is to inform to the Contractor that the bid for the subject work of **DM/MS/COR-OF/083: Construction of Foot over bridge (FOB) at various locations from Ghaziabad (Meerut Tiraha) to Meerut Bypass along the alignment of Delhi – Ghaziabad-Meerut RRTS Corridor** has been accepted by National Capital Region Transport Corporation Ltd (hereinafter termed as "Employer") at total contract value of **Rs. 7,25,81,438/- (Rupees Seven Crore Twenty Five Lakh Eighty One Thousand Four Hundred Thirty Eight Only)**, hereinafter termed as "Contract value", **inclusive of all taxes, GST, duties, royalties etc.** The scope of work, accepted rates and terms/conditions applicable to this LOA are as under:

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 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.



Bid No. DM/MS/COR-OF/083 Page 1 of 3

Registered & Corporate Office:

7/6, सिरी फोर्ट इंस्टीट्यूशनल एरिया, आगस्त 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

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- A (Bill of Quantities)** to this LOA. The Accepted rates shall include all duties, taxes, Goods and Services Tax (GST), royalties, cess and other levies payable by the Bidder under the Contract, or for any other cause, as on the date 28 days prior to the deadline for submission of bids, shall be included in the rates and prices and the total Bid Price submitted by the Bidder. Contractor is required to submit GST invoice showing GST component separately as per statutory requirements. The GST component as applicable for first RA bill shall be released upon submission of GST invoice. 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, then the documentary evidence towards payment of such 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 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 **06 months** from the commencement date. As per **clause 8.1 of GCC, Section-5**, the commencement date will start from **31.01.2020** 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 Cashier's or Banker's certified cheque or Performance Bank Guarantee (Form CF-2, Contract Forms) 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. 72,58,144/- (Rupees Seventy Two Lakh Fifty Eight Thousand and One Hundred Forty Four 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**.

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 **Dy. Chief Engineer-II/ Modi Nagar**, National Capital Region Transport Corporation Limited, 144/1 Asalat Nagar, near Hanuman Mandir, Muradnagar, Ghaziabad-201206 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



(Saurabh Kohli)
Sr. Deputy General Manager/Procurement-II

Encl: Annexure-A (Bill of Quantities: Total 09 pages).

Copy to: CE/Track, CPM/Modi Nagar, Dy.CE-II/ Modi Nagar, GGM/Finance, GM/Planning, Sr. DGM HR.

NATIONAL CAPITAL REGION TRANSPORT CORPORATION LIMITED

Annexure-A



BILL OF QUANTITIES

Bid No. DM/MS/COR-OF/083“: Construction of Foot over bridge (FOB) at various locations from Ghaziabad (Meerut Tiraha) to Meerut Bypass along the alignment of Delhi – Ghaziabad-Meerut RRTS Corridor.”

**NATIONAL CAPITAL REGION TRANSPORT CORPORATION LIMITED,
7/6, SIRIFORT INSTITUTIONAL AREA,
AUGUST KRANTI MARG, NEW DELHI –110049**



1/9

Bid No. DM/MS/COR-OF/083: Construction of Foot over bridge (FOB) at various locations from Ghaziabad (Meerut Tiraha) to Meerut Bypass along the alignment of Delhi – Ghaziabad-Meerut RRTS Corridor.

Bill of Quantities
PREAMBLE

1	The Bill of Quantities shall be read in conjunction with Instruction to Bidders, General and Particulars Conditions of Contract, Notice for Invitation of bids, Technical specification, Employer's Requirements, Tender Drawings, appendix to bid & SHE manual of NCRTC.
2	The accepted rates/prices to be tendered in the financial bid are for completed and finished items of work and complete in all respect.
3	Location where the road vehicles/ pedestrians are mixing along the construction site, shall be provided and maintained with barricading as per drawing provided in the tender. The cost of barricading including shifting etc. are included in the quoted rates of respective items & nothing extra shall be paid separately for the same.
4	The work executed against the Bill of Quantities items would be paid on measurement basis.
5	The Contractor may raise their 'On Account' payments on monthly basis as per the status of work on the last day of the respective month.
6	The accepted rates/percentage shall be inclusive of necessary lighting, drinking water, lead & lift of the materials, security guards, housekeeping, general safety of site, cost towards any other statutory compliances etc complete and any other cost towards in compliance of tender document.
7	The accepted rates/percentage are inclusive of all taxes, duties, levies, cess, Goods and Services Tax, Royalties, insurances & all other incidental charges etc. required to fulfill the Bid Conditions including statutory deductions viz. TDS towards Income Tax / Works Contract Tax / GST TDS / Labour Cess etc.



2/9

Name of Work: Bid No. DM/MS/COR-OF/083: Construction of Foot over bridge (FOB) at various locations from Ghaziabad (Meerut Tiraha) to Meerut Bypass along the alignment of Delhi – Ghaziabad-Meerut RRTS Corridor.

Bill of Quantities

Summary Sheet

M/s Shivalaya Construction Co. Pvt Ltd

NAME OF THE WORK

S. No.	Description	BOQ Amount including GST	Percentage accepted by the Bidder above/ below/ at Par the total amount of Schedule (in %age)		Accepted Amount (INR)
			Percentage Above/Below/At Par the total amount of Schedule	(Percentage (%age) in numerical figure)	
1	2	3	4	5	7
1	Schedule 'A' DSR 2018 ITEMS	2,15,62,446	Below	15.3	₹ 1,82,63,392
2	Schedule 'B' Non DSR ITEMS	6,41,29,924	Below	15.3	₹ 5,43,18,045
3	Total (DSR+NDSR)	8,56,92,370	NA	NA	₹ 7,25,81,438



3/9

National Capital Region Transport Corporation

Bid No. DM/MS/COR-OF/083": Construction of Foot over bridge (FOB) at various locations from Ghaziabad (Meerut Tiraha) to Meerut Bypass along the alignment of Delhi – Ghaziabad-Meerut RRTS Corridor.

Bill of Quantity

SCHEDULE-'A' : DSR-2018 Items

Sr. No	ITEM No.	DESCRIPTION OF WORK	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
	DSR 2018					
1	1.1.2	Carriage of materials by mechanical transport including loading, unloading and stacking carriage up to 5Km.	cum	982.86	201.83	1,98,371.42
2	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.				
	2.6.1	All kinds of soil	cum	1242.79	181.85	2,26,000.50
3	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	cum	259.92	219.65	57,091.73
4	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work upto plinth level				
	4.1.3	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	cum	195.61	6788.60	13,27,934.17
5	5.9	Centering and shuttering including strutting propping etc. and removal of form work for :				
	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	sqm	1492.94	284.85	4,25,264.67
	5.9.2	Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc.	sqm	772.80	609.30	4,70,867.04
	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	sqm	703.14	733.70	5,15,890.88
	5.9.20	Suspended floors, roofs, landings, balconies and access platform with water proof ply 12 mm thick	sqm	169.22	779.30	1,31,870.50
6	5.22	Reinforcement for RCC work including straightening, cutting bending placing in position and binding all complete.				
	5.22.6	Thermo mechanically treated bars	kg	19757.01	83.50	16,49,710.34



4/9

7	5.33	Providing and laying in position ready mixed M-25 grade concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work, including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering, shuttering finishing and reinforcement, including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer in - charge. (Note :- Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/recoverable separately).				
	5.33.1	All works upto plinth level	cum	597.81	7997.30	47,80,869.91
	5.33.2	All works above plinth level upto V floor level	cum	218.45	9400.85	20,53,599.70
8	5.34	Extra for providing richer mixes at all floor levels. Note:- Excess/less cement over the specified cement content used is payable /recoverable separately.				
	5.34.2	Providing M-35 grade concrete instead of M-25 grade BMC/ RMC. (Note : Cement content considered in M-35 is @ 350 kg/ cum)	cum	812.66	139.45	1,13,325.27
9	5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein.	Quintal	406.33	673.30	2,73,581.59
10	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
	6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	132.35	6157.45	8,14,953.90
11	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	75.35	7590.45	5,71,925.23
12	10.3	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	sqm	437.50	8670.50	37,93,343.75
13	13.1	12 mm cement plaster of mix :				
	13.1.2	1:6 (1 cement: 6 fine sand)	Sqm	1232.00	254.25	3,13,236.00
14	13.41	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :				
	13.41.1	New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm	1232.00	153.45	1,89,050.40



15	16.69	Providing and laying at or near ground level factory made kerb stone of M25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	Cum	6.30	8376.15	52,769.75
16	22.7	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations:				
	a)	Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment.				
	b)	Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs.				
	c)	After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin-charge				
	d)	Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep				
	e)	The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge :				
	22.7.1	With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	sqm	73.50	1398.50	1,02,789.75
17		Any other DSR -2018 Misc. items	LS			35,00,000.00
Total DSR Items						2,15,62,446.48
(A) Total of Schedule-A: DSR items						₹ 2,15,62,446
Quoted rate @ 15.30% below						₹ 32,99,054
Net Payment of Schedule-A: DSR Items (including GST)						₹ 1,82,63,392



6/9

National Capital Region Transport Corporation

Bid No. DM/MS/COR-OF/083": Construction of Foot over bridge (FOB) at various locations from Ghaziabad (Meerut Tiraha) to Meerut Bypass along the alignment of Delhi – Ghaziabad-Meerut RRTS Corridor..

Bill of Quantity

SCHEDULE-B (NDSR Item)

Sr. No	NDSR ITEM No.	DESCRIPTION OF WORK	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
1	1	Supply, Fabricating, Painting, Transporting, Erecting and securing in position structural steel works for Foot Over Bridge and Entry/Exit structure complete as per specifications and approved shop drawings, complete as per architectural drawing and direction of Engineer in Charge. Work under this item generally cover all structural steel work in the building including but not being limited to columns, beams, rafters, purlins, Hot dipped chequered plates for floor, brackets (steel Hollow tubular sections approved equivalent make confirming to IS 1161/4923 Grade Yst 310, IS: 3502 steel chequered plates and Rolled section & plates confirming to IS 2062 Grade Yst 250 etc. Work to include all intermediate stages of activities not defined herein but otherwise implied for total completion of work. Cost to include but not to be limited to all materials including wastage, all consumable fastners/nuts and bolts of all types for both temporary and permanent staging, scaffolding, tools plants and equipments, Traffic Marshel during Erection & Casting and additional costs of all incidents and necessary testing of material, workmanship etc including cost of painting as per specifications. Note: Providing, fabricating and supplying Hot, dip galvanized holding bolts including all assemblies and accessories that are required to embedded in concrete work shall be included in the rate quoted by the tenderer in the item. Grade 8.8 confirming to IS:1367 & IS :5624. The cost shall include fabricated, assembled and supply bolts including all necessary expenses incurred, cost of all washers, nut, hook nuts and pins that may be required for securing the structural member with the embedded bolts. The erection shall be carried out by Hydraulic cranes of suitable capacities and its cost shall be included in the rate quoted by the tenderer in the item.	MT	492.37	105321.86	5,18,57,736.64
		Note: Payment of item no. 1 will be made as per Appendix 'A' to Schedule (B)				
2	2	Extra for Galvanizing over structural steel wherevr required as per design drawing.	Kg	14302.70	21.43	3,06,494.79
3	3	Providing and laying 30mm thick prepolished Sadarhalli Grey/ Cheema Pink/ Jhalore Beige granite slab of sizes upto and including 1200 X 600 mm on floor using 5mm thick approved thick bed adhesive as per specification over prepared base on 20 mm (average) thick base of cement mortar 1:4 (1 Cement : 4 total aggregates - coarse sand and 10 mm single sized aggregates) using 43 grade cement, water reducing admixture as per ISO 9103:1999 and jointing with white cement with matching colour pigment all complete (Colour of granite as approved by Engineer) in levelling course laid to proper slopes over screed base including base preparation, movement joint in screed as per specification with 10mm thick compressible filler to edge of screed/ blockwork junction with two parts polysulphide sealent to top edge, drainage gullies as per approved section, curing, testing etc. all complete as per specifications and relevent drawings. Screed shall be measured and paid extra as per relevant DSR 2018 Item	sqm	546.00	3301.08	18,02,387.30
4	4	Extra on item no. 03 for Red/Raw silk/Jet Black/Tan Brown/Kashmir Yellow/ Ikon /Brown/ Multi Red granite	sqm	140.00	942.64	1,31,969.48
5	5	Providing and laying 30mm thick mirror polished Sadarhalli Grey/Cheema Pink/Jhalore Beige granite stone work of upto and including sizes of 1200mmX600mm of approved colour/ pattern with 4mm groove all around at all levels for wall linings/ columns/ skirting (vener work) by mechanical arrangement with SS cramps/ brackets, anchor bolts, 6 mm vertical SS pins of approved make and inserts as per drawings and specifications The cost of making necessary grooves all around stone pieces, chamfering of corner edges and polishing are included.	sqm	1489.60	4166.85	62,06,939.76



7/9

6	6	Providing and laying 30mm thick FLAMED Sadarhalli Grey Granite Stone flooring in treads and landings (including bull nosing, rounding the nose and making groove) of steps not exceeding 30cm in width of approved colour, size and pattern, (sample of granite stone shall be approved by Engineer-in-charge) over 20mm (average) thick base of cement mortar 1:4 (1 cement : 4 coresand) laid and jointed with neat cement slurry mixed with pigment to match the shade of granite stone complete as per specifications and relevant drawings.	sqm	63.00	3301.08	2,07,967.77
7	7	Extra on item no. 05 for Red/ Raw Silk/ Tan Brown/ Jet Black granite	sqm	63.00	471.55	29,707.75
8	8	Providing and laying 20mm thick mirror polished Granite Stone in Risers of steps of approved colour, size and pattern, (sample of granite stone shall be approved by Engineer-in-charge) over 12 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand) and jointed with neat cement slurry mixed with pigment to match the shade of granite stone complete as per specifications and relevant drawings.	sqm	31.50	2087.60	65,759.55
9	9	Extra on item no. 07 for Red/ Raw Silk/ Tan Brown/ Jet Black granite	sqm	31.50	471.55	14,853.74
10	10	Multi-wall clear Polycarbonate sheet Providing and fixing 6 mm thick multi-wall clear Polycarbonate sheet with specially designed powder coated AL ALCOX system, EPDM rubber gasket, GE silicon sealant cold forged etc all complete as per the direction of engineer-in-charge	sqm	784.00	3093.00	24,24,912.00
11	11	Providing 2.0 m high temporary barricade and arrangement for traffic diversion such as traffic signals during construction at site, for day and night as per requirement and drawings. During construction barricading and arrangement for traffic diversion has to be kept continuously and maintained properly till the completion of all the activities. Local shifting of barricading along with all accessories including indicators, illuminators & delineators etc. at a particular station may be required during execution and for traffic management . Nothing extra shall be paid for local shifting.	RM	464.00	2330.16	10,81,194.96
(B) Total of Schedule-B :NDSR Items						₹ 6,41,29,924
Quoted rate @ 15.30% below						₹ 98,11,878
Net Payment of Schedule-B: NDSR Items (including GST)						₹ 5,43,18,045



8/9

Name of Work:	Bid No. DM/MS/COR-OF/083": Construction of Foot over bridge (FOB) at various locations from Ghaziabad (Meerut Tiraha) to Meerut Bypass along the alignment of Delhi – Ghaziabad-Meerut RRTS Corridor..	
	Appendix 'A' to Schedule- B (Non DSR items)	
	Bill of Quantities	
S.No	Item	Percentage Breakup
	Payment Terms	
	Stage Payment for item No. 1 of Schedule 'B' of BOQ	
i	Procurement & testing of steel quantities on receipt in fabrication workshop against documentary evidence of purchase from approved supplier subject to a minimum of quantities as indicated in approved fabrication drawing and also as indicated in schedule.	40% of BOQ Item Rate
ii	On completion of fabrication of steel work quantities and testing of fabricated members including painting as per specification and its approval by Engineer in charge.	25% of BOQ Item Rate
iii	On transportation and receipt of fabricated material in good condition at site in Ghaziabad, approval of engineer in charge regarding physical receipt of fabricated materials in good condition.	10% of BOQ Item Rate
iv	Erection of the Main girder, Tie- Beams, purlins, Roof portals, Cross bracings, Chequered plate, gutters, Hand Railing, Structural Columns & Staircase and provision for fixing of E & M equipments in the station steel roof structure steel buildings at designated site location in all respects by the contractor and aligning them in proper position over the respective supports and its approval by the engineer in charge.	20% of BOQ Item Rate
v	Final alignment of roof portal, purlin, gutters, raceways, provision for other fixtures and painting in all respect by the contractor and approval by the engineer in charge.	5% of BOQ Item Rate
	The payment for items (i)& (ii) above shall be against the Bank Guarantee duly executed in a form acceptable to the employer for an amount equivalent to the payment . The payment for item (iii) shall be against and indemnity bond duly executed.	
	The Bank Guarantee shall be initially be valid for a minimum six months,. It should be subsequently extended from time to time depending upon the progress of work.	
	The Bank Guarantee shall be released to the extent to the fabricated material reaches NCRTC's site on completion of activity (iii) in good condition and certified by Engineer Incharge to this effect.	
	For items other than item no. 1 of Schedule 'B' of BOQ, payment shall be based on completed quantities as per the unit rate quoted by the bidder for the respective items.	



9/9