

NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.


Reply to Pre-Bid Queries

Sub: Work for Provision of Paved Shoulder in Selected Length, Footpath, Road Safety & Road Furniture and other miscellaneous items from Rangpo to Ranipool from Km 52+000 to Km 80+000 of NH-10 in the State of Sikkim on Item Rate Contract-reg.

Tender ID: 2020_NHIDC_558262_1

S.N	Clause No.	Existing Clause/Description	Queries	Reply
1.	12.1 of Section II of ITB (Pg No. 17)	<p>12.2 Document to be submitted in physical form must reach the Regional Office, NHIDCL, Gangtok, Behind Meylong Hills, NH-10, Pani House, Gangtok, East Sikkim – 737101 by bid due date of Submission of Bid.</p> <p>Though the scanned copies of following documents is required to be uploaded during submission of e-bid on the e-tendering portal i.e. www.eprocure.gov.in, As per clause 12.1 above, the following original document in physical form shall be submitted in a sealed envelope (Otherwise the bid will be treated as Non-Responsive) as per schedule date and time mentioned in the critical data sheet on the date of submission of bid and addressed to the addressee given in the NIT duly super scribed "Name of Work, Bid due date and time." Name and address of the bidder should also be indicated on the envelope.</p> <p>a) Deleted. b) Bid Document Fee. c) Bid Securing Declaration as per Section-IV d) Deleted. e) Written Power of Attorney of the signatory (whose digital signature certificate is used during e-tender submission) of the bidder to commit the bid. f) An affidavit on a Stamp Paper, duly attested from the Notary Public, that the information furnished with the bid documents is correct in all respects. g) Deleted</p>	Original Demand Draft for Document Fee can be submitted in physical form, at a later date?	AS PER RFP
2	Sl. No 5, 5.01 of BOQ	Roadside Amenities Construction roadside Amenities including excavation of foundation, laying of M15 PCC ,brick masonry (1:3) ,plastering of wall 12mm thk (1:3) ,stone Masonry (1:4) ,Centering and shuttering including strutting, propping et. And removal of form, fitting of water supply ,door ,window& electrical fitting complete as per Drawing & CPWD Specification	Kindly Provide Details pertaining to item mentioned in BOQ at Sl. No 5.01 Bus Shed	Detail of Items for Bus Shed Construction is enclosed as Annexure-1

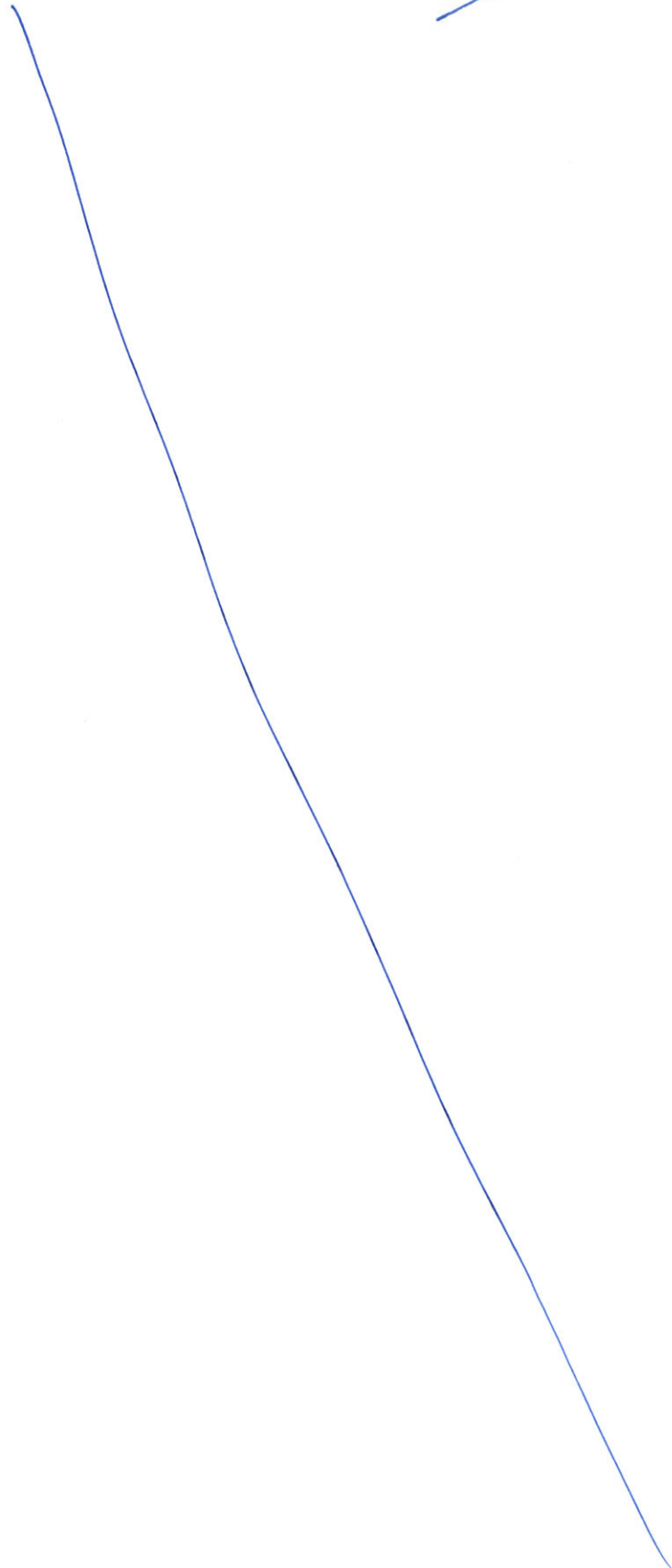
Note: All other terms & conditions will remain the same.


(Shashank Kumar)
Executive Director (P), Sikkim

DETAIL OF ITEMS FOR CONSTRUCTION OF BUS SHED							
Sl.no	Decription	Nos	Length (m)	Breadth (m)	Depth (m)	Qty	Unit
EARTH WORK							
1	Earthwork in excavation in foundation trenches etc. not exceeding 2 meters depth including dressing of bottom and sides of trenches and subsequent filling and compaction in 15cm layers as in column foundations, fence posts, etc. and disposal of all surplus soil as directed within a lead of 30 metres.						
	Ordinary Soil	4	1.00	1.00	1.00	4.00	cum
2	PCC WORK						
	Providing and laying cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) excluding cost of centering in - All work upto plinth level						
	Foundation	4	1.0	1.0	0.1	0.4	
	GF	1	2.7	1.1	0.1	0.297	
					Total	0.697	cum
RCC WORK							
3	Providing and laying in position reinforced cement concrete excluding cost of centering and shuttering,finishing and reinforcement in -(b) 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)						
	All work upto plinth level :						
	Footing	4	0.9	0.9	0.2	0.648	
	Column	4	0.2	0.2	0.8	0.128	
	Plinth beam	2	3.55	0.2	0.25	0.355	
		2	1.35	0.2	0.25	0.135	
					Total	1.266	Cum
4	Reinforcement Cement Concrete work in walls including attached pillasters, columns, pillars, posts, piers, abutments, return walls, retaining walls, struts, buttresses, string or lacing courses, fillets etc. upto floor five level excluding cost of centering shuttering etc. complete.-1:2:4(1 cement : 2 course sand : 4 graded stone aggregate 20mm nominal size)						
	Column Upto roof	2	2.5	0.2	0.2	0.2	
		2	2.3	0.2	0.2	0.184	
					Total	0.384	Cum
5	Beams, suspended floors, roofs having slope upto 15° landings, balconies, shelves, chajjas, lintels, bands, window sills, stair cases, spiral stair cases, cantilevers upto floor two level or floor two below from the ground floor (as indicated in the drawing).						
	Roof slab	1	4.35	2.023	0.1	0.880	
	Chajja	1	4.35	0.585	0.1	0.254	
	Beams	2	3.55	0.2	0.2	0.284	
		2	1.35	0.2	0.2	0.108	
	Seat slab	1	3.75	1.55	0.1	0.581	
	Deduc tion	1	2.7	1.0	0.1	0.270	
					Total	1.837	Cum
CENTERING, SHUTTERING AND REMOVAL OF FORMWORK							
6	Centering and shuttering including strutting, propping etd. And removal of form for:						
	Foundations, footings, bases of columns , etc for mass concrete	n	L	B	t		
	Foundation, Area= $n*(2L+2B)*t$	4	0.90	0.90	0.20	2.88	
		n	L	b	d		

Sl.no	Description	Nos	Length (m)	Breadth (m)	Depth (m)	Qty	Unit
	Column Area= $n*L*(2b+2d)$	4	0.80	0.20	0.20	2.56	
					Total	5.44	Sqm


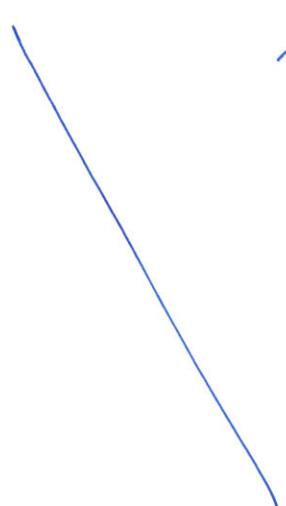
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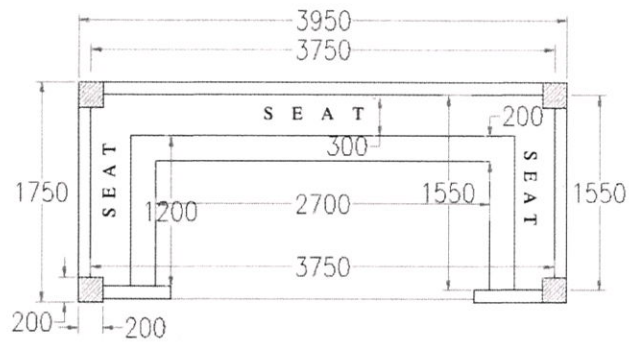
Sl.no	Decription	Nos	Length (m)	Breadth (m)	Depth (m)	Qty	Unit
	Columns,piers,pillars,abutment,posts and struts etc						
	Columns ,Area=n*L*(2b+2d)	3	2.50	0.20	0.20	6	
		3	2.30	0.20	0.20	5.52	
					Total	11.52	Sqm
	Lintels,beams,plinth beams, girders, bressumers and cantilevers , etc						
	Area=n*L(b+2d)	n	L	b	d		
	Plinth Beam	2	3.55	0.20	0.25	4.97	
		2	1.35	0.20	0.25	1.89	
	Beam supporting the roof	2	3.55	0.20	0.20	4.26	
		2	1.35	0.20	0.20	1.62	
					Total	12.74	Sqm
	Suspended floors, roofs, landings, shelves and their support, balconies and chajaj,etc.						
	Roof Slab	1	4.35	2.023		8.80	
	Seat slab	1	3.75	1.55		5.81	
	Deduc tion	1	2.70	1.00		2.70	
					Total	11.91	Sqm
STEEL REINFORCEMENT							
7	Steel reinforcement for R.C.C work including straighthening, cutting, bending, placing in position and binding all complete.						
	(f) Thermo-Mechanically Treated Bars						
	Footing @0.6 of %concrete					30.521	
	Column @1.2% of concrete					48.230	
	Beams @1% of concrete					69.237	
	Roof Slab@0.8% of concrete					55.264	
	Seat slab@ 2.0% of conc rete					48.827	
	Chajja@0.2% of c oncrete					3.988	
					Total	256.067	kg
BRICK MASONRY							
8	Half brick masonry with first class brick in fsuperstructure above plinth level upto floor V level.						
	in cement moratar 1:3 (1 cement : 3 coarse sand)						
	External Wall	1	3.55		2.1	7.455	
		2	1.35		0.75	2.025	
		2	0.55		0.75	0.825	
					Total	10.305	Sqm
	Internal Wall	1	3.1		0.75	2.325	
		2	1.2		0.75	1.8	
		1	2.7		0.3	0.81	
		2	1.0		0.3	0.6	
					Total	5.535	Sqm
PLASTER							
9	12mm cement plaster 1 : 3 (1 cement : 3 fine sand)						
	Internal wall	1	3.75		1.573	5.899	

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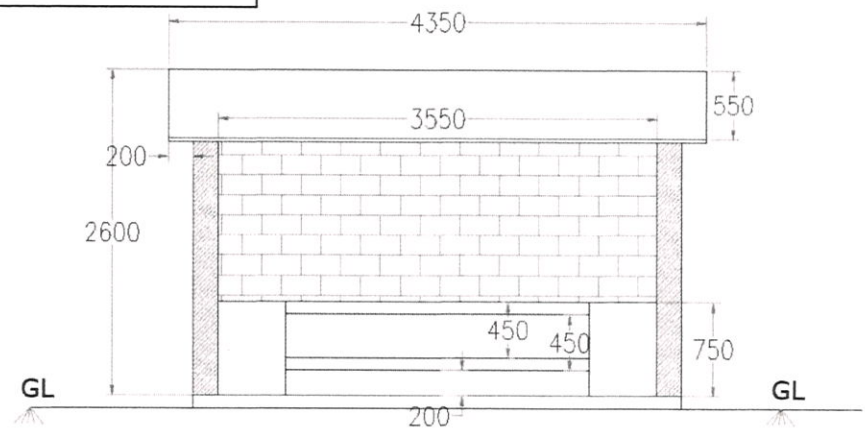
Sl.no	Decription	Nos	Length (m)	Breadth (m)	Depth (m)	Qty	Unit
		2	1.55		0.45	1.395	
		1	3.1		0.45	1.395	
		2	1.2		0.45	1.08	
		1	2.7		0.3	0.81	
		2	1.025		0.3	0.615	
		2	0.3		0.45	0.27	
		2	0.125		0.75	0.188	
					Total	11.652	Sqm
10	15mm cement plaster 1 : 4 (1 cement : 4 fine sand) finished with a floating coat of neat cement.						
	External Wall	1	4.35		2.3	10.005	
		2	1.75		2.3	8.05	
		2	0.2	x0.5	1.75	0.35	
		2	0.75		0.75	1.125	
	Chajja	1	4.35		0.585	2.545	
					Total	22.075	Sqm
11	12 mm cement plaster to ceiling 1 : 4 (1 cement : 4 fine sand)						
	Ceiling	1	3.55	1.359		4.824	
		2	1.359	0.2		0.272	
	Chajja	1	4.35	0.505		2.197	
					Total	7.293	Sqm
	PAINT						
12	White washing with white lime in two or more coats to give an even shade include- ding cleaning the surface to remove dirt, dust, mortar drops etc on old surface complete.						
	Internal wall					5.90	
						1.40	
						0.62	
						0.27	
						0.19	
					Total	8.38	
	External Wall					22.08	
	Ceiling					7.29	
					Total	37.750	Sqm
13	Distempering with dry distemper on New surface two or more coats of required shade to give an even and uniform shade including priming coat of whitening to give an even shade after thorough cleaning of dirt, dust, loose pieces of scabs, grease etc including surface preparation by sand papering etc complete. New surface						
						Total	37.750
							Sqm

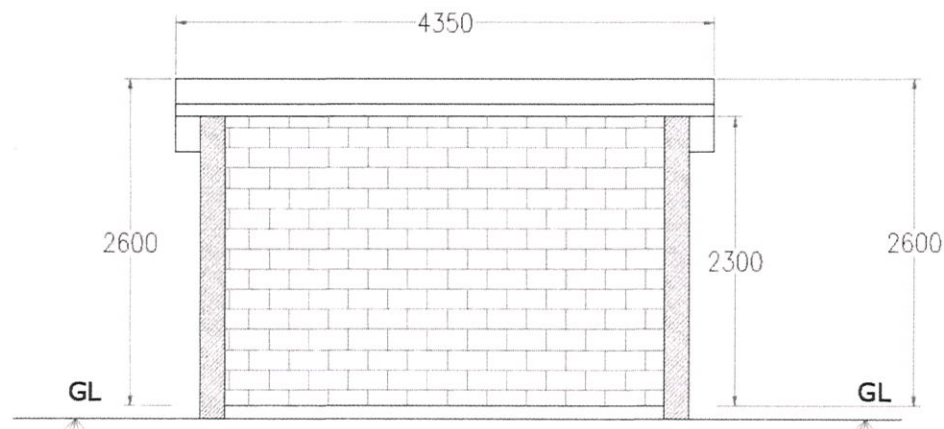
Drawing of Bus Shed



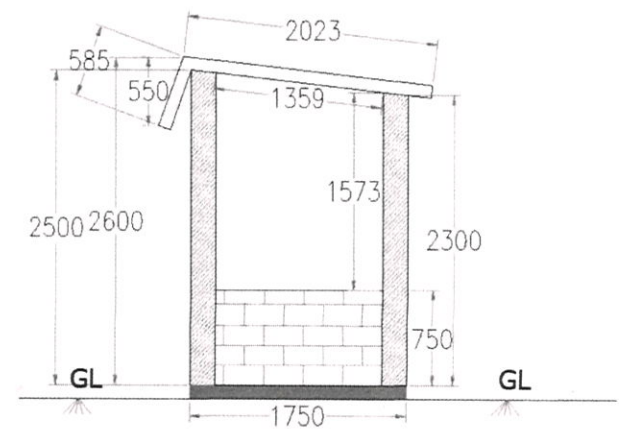
PLAN



FRONT ELEVATION



BACK ELEVATION



SIDE ELEVATION