

Tender No. All/EN/WC/ROBs/3(2015-16) DATE: 11.02.2016

For

Construction of 2 Nos. Two Lane ROBs (including approaches) in lieu of Level crossings No. 53 & 70 at Km. 414/4-5 between Sojat Road – Bhesana Section & Km. 471/4-5 between Bhagwanpura–Jawali of Madar-Palanpur Section of Ajmer Division of North Western Railway.

FINANCIAL BID (PACKET-B)

TENDER DOCUMENT February - 2016

Employer: DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LIMITED (A GOVERNMENT OF INDIA ENTERPRISE) Under MINISTRY OF RAILWAYS

GENERAL INFORMATION / DATA SHEET

TENDER NOTICE NO.	AII/EN/WC/ROBs/3(2015-16) DATE: 11.02.2016
Name of the work	Construction of 2 Nos. Two Lane ROBs (including approaches) in lieu of Level crossings No. 53 & 70 at Km. 414/4-5 between Sojat Road – Bhesana Section & Km. 471/4-5 between Bhagwanpura–Jawali of Madar-Palanpur Section of Ajmer Division of North Western Railway.
(a) Tender Value	Rs. 65,00,38,844/-
(b) Completion Period	20 months
(c) Earnest Money	Rs. 34,00,200/-
(d) Date and Time of Issue of Tender	From 15.02.2016 to 20.03.2016 on all working days from 10:00 hrs. to 17:00 hrs. & on 21.03.2016 from 10:00 hrs. to 12:00 hrs. against the prescribed fee of Rs. 25000/- which is not refundable.
(e) Last date and Time of submission of Tender	21.03.2016 upto 15:00 hrs
(f) Date and Time of Opening of Tender (Technical bids - Packet A)	21.03.2016 at 15:30 hrs
(g) Validity of offer	90 days
(h) Retention Money / Security Deposit	5 % of Contract Value
(i) Performance Bank Guarantee(j) Pre-Bid Conference	Performance Guarantee (PG) have to submit within 30(thirty) days from the date of issue of Letter of Acceptance (LOA), amounting to 5% of the contract value in the form as give in clause 16.4 of GCC. 11.00 Hrs on 01.03.2016 at CPM/DFCCIL/Ajmer Office.
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FORM No. 3

SUMMARY OF PRICES

Name of work:- Construction of 2 Nos. Two Lane ROBs (including approaches) in lieu of Level crossings No. 53 & 70 at Km. 414/4-5 between Sojat Road – Bhesana Section & Km. 471/4-5 between Bhagwanpura–Jawali of Madar-Palanpur Section of Ajmer Division of North Western Railway.

SI. No.	Description of works	Cost as per RUIDP SOR 2013	Rates to be quoted in figures & words (Clearly mention above / below / at par on updated DFCCIL Rate / cost given in column 3)
1	2	3	4
1.	Execution of all works as per Schedule "A" (Items as per RUIDP SOR 2013	64,58,72,496.00	%age Above/ Below/ At
2.	Execution of all works as per Schedule " B " (NS Items)	4,66,348.00	par on the schedule. (in figures)
3.	Execution of all works as per Schedule "C" (NS Items-Misc.)	37,00,000.00	
	Grand Total	65,00,38,844.00	- %age Above/ Below/ At par on the schedule.
			(In words)

Notes:-

- (i) The above prices are inclusive of all taxes, duties including Excise duty, Sales Tax, Octroi, Local levies, Works Contract Tax etc.
- (ii) The tenderer should quote single percentage above / par / below for complete schedule cost.
- (iii) If the uniform percentage quoted by the Tenderer does not clearly indicate whether the rates are above/at par/below the estimated rates then through sign convention it will be considered to be on plus side and evaluated accordingly.
- (iv) Rate of item payable to contractor shall be as per above/below/at par on rates of schedule.

Signature of the Tenderer (s) with Seal

FORM No. 4

SCHEDULE -1 SCHEDULE OF PRICES & TOTAL PRICES

	SCHEDULE-A : RUIDP SOR 2013 ITEMS							
Sr. No.	Refer (RUIDP SOR 2013)	Particulars	Unit	Qty	Rate (Rs.)	Amount		
1.	1.1	Carriage of material by mechanical transport including loading, unloading and stacking						
2.	1.1.1	Earth @lead for 5 Km	Cum	4,009	88.98	3,56,720.82		
3.	1.1.3	Stone, boulders, gravelly material @lead for 5 Km	Cum	631	83.74	52,839.94		
4.	1.1.5	Brick Tiles @ lead for 5 Km	Cum	6,001	113.89	6,83,453.89		
	2.1	Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable material with all lifts and up to a lead of 1000 mtrs and earth filling in the depression/pit to required compaction as per MoRT&H specification clause 201. (Measurment of girth to be done at height of 1 m above ground level)						
5.	2.1.1	Girth from 300 mm to 600 mm	each	24	938.00	22,512.00		
6.	2.1.2	Girth from 600 mm to 900 mm	each	14	1,180.00	16,520.00		
7.	2.1.3	Girth from 900 mm to 1800 mm	each	43	1,880.00	80,840.00		
8.	2.1.4	Girth from 1800 mm to 2700 mm	each	12	3,390.00	40,680.00		
9.	2.1.5	Girth above 2700 mm	each	2	6,410.00	12,820.00		
10.	2.2	Clearing Grass and Removal of Rubbish (Maximum 150mm) by manual means and disposal at a lead of 50 metres as per MoRT&H specification clause 201	hectare	1	17,100.00	17,100.00		
	2.3	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to a lead of 50 metres from road boundary including removal and disposal of top organic soil not exceeding 150 mm in thickness as directed by Engineer						
11.	2.3.1	In area of light jungle	hectare	4.45	51,200.00	2,27,840.00		
12.	2.3.2	In area of thorny jungle	hectare	2.40	60,300.00	1,44,720.00		
	2.4	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer						
13.	2.4.1	Lime Concrete, cement concrete grade M-10 (1:5:10) and below	cum	200	317.00	63,400.00		
14.	2.4.2	Cement concrete M-15 & M-20 and PCC blocks	Cum	200	771.00	1,54,200.00		
	2.4.4	Dismantling Brick / Tile work						
15.	2.4.4.2	In cement mortar	Cum	3,257	249.00	8,10,993.00		

	215	Dismantling Stone Masonry				
10	2.4.5	Č ,	0	400	040.00	4 04 500 00
16.	2.4.5.2	Rubble Stone Masonry in cement mortar	Cum	408	249.00	1,01,592.00
		Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50				
	2.9	metres, stacking serviceable and unserviceable				
		materials separately as directed by Engineer.				
17.	2.9.1	Bituminous courses	Cum	3,921	1,020.00	39,99,420.00
18.	2.9.2	Granular Course	Cum	5,209	682.00	35,52,538.00
19.	2.10	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials up to a lead of 1000 metres, stacking serviceable and unserviceable materials separately as per MoRT&H specification clause 202.	Cum	323	976.00	3,15,248.00
20	2.16	Removal of telephone / electric poles including excavation and dismantling of foundation concrete and lines under the supervision of concerned department, disposal with all lifts and upto lead of 1000 meters and stacking serviceable material and unserviceable material separately as per MoRT&H specification clause 202.	each	20	717.00	14,340.00
	4.2	Earth work in excavation for roadway, including trimming bottom and side slopes in accordance with requirement of line, grades and cross sections, including disposal of surplus material with all lift and lead upto 1.0 kM as per MoRT&H specification clause 301.				
21	4.2.1	In all type of soil.	cum	17,617	171.00	30,12,507.00
22	4.4	Construction of embankment with approved material obtained from borrow pit with all lifts and leads, transporting to site, spreading, grading to required slope and compacting by vibratory roller 8-10 tonne to meet requirement of table 300-2 including cost of compensation for earth taken from private land complete as per MoRT&H specification clause 305. (Lead taken upto 5 km)	cum	21,196	196.00	41,54,416.00
23	4.6	Construction of sub grade and earthen shoulders with approved material obtained from borrow area with all lifts & leads, transporting to site, spreading, grading to required slope and compacted in layers not exceeding 200mm thickness at OMC, with vibratory roller of 80-100 KN static weight or more to attain a density 97% maximum dry density to meet requirement of table No.300-2 as per MoRT&H specification clause 305. (Lead taken upto 5 km)	cum	26,161	223.00	58,33,903.00
	4.8	Compacting original ground				
24	4.8.2	Loosening and recompacting original ground below embankment including Loosening levelling and recompacting original ground supporting embankment to facilitate placement of first layer	Cum	2,946	23.00	67,758.00

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		of embankment, scarified to a depth of 150 mm,				
		mixed with water at OMC and then compacted				
		by rolling by vibratory roller 8-10 tonne so as to				
		achieve minimum dry density as given in table				
		300-2 for embankment construction as per				
		MoRT&H specification clause 305.3.4.				
		Earth work in excavation in foundation, trenches				
		etc. including dressing of sides and ramming of				
		bottoms, including getting out the excavated				
	4.9	material, refilling after laying pipe/ foundation				
	4.9	and disposal of surplus excavated material at a				
		lead upto 50m suitable site as per direction of				
		Engineer for following depths, below natural				
		ground / Road top level				
		In all types soils/ saturated soil such as moorum,				
	4.9.1	sand, sandy silt, clay, black cotton soil, kankar,				
		etc.				
25	4.9.1.1	Depth upto 1.5m.	Cum	18,759	169.00	31,70,271.00
		Add extra for over all depth of excavation above	_			
26	4.9.1.2	1.5 m and upto 3.0m over item no 4.9.1.1	Cum	1,718	25.50	43,809.00
		Add extra for over all depth of excavation above				
27	4.9.1.3	3.0 m and upto 4.5m over item no 4.9.1.1	Cum	1,718	54.50	93,631.00
28	4.9.1.4	Add extra for over all depth of excavation above	Cum	1,670	88.00	1,46,960.00
		4.5 m and upto 6.0m over item no 4.9.1.1		.,	00.00	.,,
	4.9.2	In ordinary rock				
29	4.9.2.1	Depth upto 1.5m.	Cum	120	730.00	87,600.00
20	4000	Add extra for over all depth of excavation above	Cum	100	100.00	12 080 00
30	4.9.2.2	1.5 m and upto 3.0m over item no 4.9.2.1	Cum	120	109.00	13,080.00
		Add extra for over all depth of excavation above	_			
31	4.9.2.3	3.0 m and upto 4.5m over item no 4.9.2.1	Cum	120	236.00	28,320.00
		In hard rock (required blasting) including Blasting				
	4.9.3	materials				
32	4.9.3.1	Depth upto 1.5m .	Cum	120	1,190.00	1,42,800.00
32	4.9.3.1		Cum	120	1,190.00	1,42,600.00
33	4.9.3.2	Add extra for over all depth of excavation above	Cum	120	239.00	28,680.00
		1.5 m and upto 3.0m over item no 4.9.3.1				-,
34	4.9.3.3	Add extra for over all depth of excavation above	Cum	120	525.00	63,000.00
54	4.0.0.0	3.0 m and upto 4.5m over item no 4.9.3.1	Oum	120	525.00	00,000.00
	4.9.4	In hard rock (Blasting prohibited)				
35	4.9.4.1	Depth upto 1.5m.	Cum	70	2,360.00	1,65,200.00
		Add extra for over all depth of excavation above				
36	4.9.4.2	1.5 m and upto 3.0m over item no 4.9.4.1	Cum	70	472.00	33,040.00
		Add extra for over all depth of excavation above				
37	4.9.4.3	3.0 m and upto 4.5m over item no 4.9.4.1	Cum	70	1,040.00	72,800.00
	5.18	•				
	5.16	SITE OFFICE				
		Providing, arranging, managing and maintaining				
		500 sq.ft. well furnished office and well equipped				
		Laboratory with 3 tables, 10 chairs, 2 steel				
		almirah, one computer with printer & operator,			10.000.00	
38	5.18.1	sufficient number of display etc. to the	month	40	18,000.00	7,20,000.00
		satisfaction of the Project Manager including				
		Electrical, Water expenses etc. For execution of				
		this item the date of start shall be considered				
		only when the Contractor has actually				

		rented/constructed the required premises				
		established the office & Laboratory as per				
		requirement. This item shall remain valid only for				
		original contact period; no additional payment				
		shall be made for whatsoever reason even if				
		time extension if provided or date of completion				
		is extended. This office and laboratory including				
		furniture and all other equipment shall be				
		property of contractor after completion of Project.				
		Providing, laying, spreading and compacting of				
		granular sub-base by providing close graded				
		Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site,				
		spreading in uniform layers with motor grader on				
	7.1	prepared surface and compacting with vibratory				
		power roller to achieve the desired density,				
		complete as per MoRT&H specification clause -				
		401 including all material, labour, machinery,				
		lighting, guarding and maintenance of diversion.				
39	7.1.1	Grading - I Material	Cum	9,038	1,080.00	97,61,040.00
		Providing laying, spreading and compacting				
		stone aggregates of specific sizes as per Table				
		400-7 to Water Bound Macadam specification				
		including spreading in uniform thickness; hand				
		packing, rolling with power roller 8-10 tonnes, in				
		stages to proper grade and camber, applying				
	7.5	and brooming requisite type of screening (Table 400-8) binding materials to fill up the interstices				
		of coarse aggregates, watering (with water				
		browser) and compacting to required density,				
		making necessary earthen bund to protect edges				
		as per clause 404 of MoRT&H specification				
		including all material, labour, machinery, lighting,				
		guarding and maintenance of diversion complete				
40	7.5.4	Crusher Broken Grade III (53-22.4mm)	Cum	1,755	1,480.00	25,97,400.00
		Providing, laying, spreading (with paver finisher				7
		only) and compacting wet mix macadam (WMM)				
		base course comprising of graded stone				
		aggregate and granular material conforming to				
		MORT&H specifications (Table 400-II) in layers				
		of equal compacted thickness each				
		consolidated, including pre-mixing the material with water at OMC in mechanical mixer (Pug				
41	7.6	Mill), carriage of mixed material by tippers to site,	Cum	9,348	1,300.00	121,52,400.0
		laying in uniform layers in base course on a well				
		prepared sub-base/ base course and compacting				
		with power vibratory-roller to achieve the desired				
		density complete as per MoRT&H specification				
		clause - 406 including all material, labour,				
		machinery, lighting, guarding and maintenance				
		of diversion.				
		Providing and applying priming coat over				
10	. .	prepared surface of granular base with bitumen			07.00	
42	8.1	emulsion as per IS;8887 and approved quality	sqm	52,319	27.00	14,12,613.00
		@ 0.60kg/sqm with the help of spray set fitted on				
		bitumen container (boiler) after cleaning the				

		surface including removing of binding material and other foreign matter with wire				
		brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and compressed air to receive bituminous treatment complete as per clause 502 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion.				
43	8.2	Extra for additional bitumen emulsion used in above item for every 1kg per 10 sqm	sqm	78,478.5	4.50	3,53,153.25
44	8.3	Providing and applying tack coat on the prepared surface with bitumen emulsion as per IS;8887 and approved quality @0.2kg/ sqm with the help of spray set fitted on bitumen container (boiler) after cleaning the surface with brooms or soft brushes and finally dusting with old gunny bags and compressed air to receive bituminous	sqm	78,316	9.50	7,44,002.00
		treatment complete as per clause 502 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion.				
45	8.4	Extra for additional bitumen emulsion used in above item for every 1kg per 10 sqm [for 0.015kg/Sqm	sqm	11,747.4	4.50	52,863.30
	8.8	Providing and laying 50-75 mm compacted thick design mix (approved by Engineer) Dense Bituminous Macadam on prepared surface with specified graded crushed aggregates as per Table 500-9, 500-10 with bitumen binder set (including cost of anti-stripping compound wherever required) for base/ binder course including loading of material with F.E. loader, heating and mixing of stone aggregate, filler and bitumen in computerised hot mix plant, transporting the mixed material by tippers to paver and laying with paver finisher fitted with electronic sensor control as per clause 504.3.5 to the required level and grade, compacting by power rollers and vibratory rollers or 150 to 250 KN pneumatic tyred roller with TP = 0.7 Mpa to achieve the desired density (approximately 2.3 tonne/cum) complete as per clause 507 of MoRT&H specification but excluding primer/tack coat, including all material, labour, machinery, lighting, guarding and maintenance of diversion.				
46	8.8.2	Grade-II with Bitumen VG-grade 30 @ 4.50 %, lime filler @ 2% (percent by weight of total mix)	Cum	2,331	7,130.00	166,20,030.0
	8.10	Providing and laying 30-45 mm compacted thickness Bituminous Concrete as per design mix (approved by Engineer) on prepared surface with specified grade stone aggregate as per Table - 500-18 with bitumen for wearing				

		course including loading of aggregate with F.E. loader and hot mixing of stone aggregate and bitumen (including cost of anti-stripping compound wherever required) in computerised hot mix plant, transporting the mixed material by				
		tippers to paver and laying with paver finisher fitted with electronic sensing device (as per clause 504-3.5) to the required level and grade and compacting by power rollers and vibratory rollers or 150 to 250 KN pneumatic tyred roller with TP = 0.7Mpa, to achieve the desired density complete as per clause 509 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance				
47	8.10.2	of diversion but excluding primer/tack coat. Grade-II with bitumen of grade CRMB-60 @ 6% (percent by weight of total mix)	Cum	1,698	8,870.00	150,61,260.0
48	8.16	Providing and laying 25 mm thick bitumen mastic asphalt wearing course with paving grade bitumen meeting the requirements given in table 500-29 (including cost of anti-stripping compound wherever required) @ 14-17% (by weight) as per job mix formula, coarse aggregate as per Table 500-32, fine aggregate as per Table 500-31 and lime stone powder as filler, prepared by using mastic cooker and laid to required level and grade after cleaning the surface, including providing antiskid surface with bitumen precoated fine grained hard stone chipping of 13.2 mm nominal size @ 0.005cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces not less than 100 degree Centigrade, protruding 1 mm to 4 mm over mastic surface, all complete including all material, labour, machinery, lighting, guarding and maintenance of diversion complete as per clause 515 of MoRT&H specification.	Sqm	3,063	544.00	16,66,272.00
49	10.1	Providing and fixing precast cement concrete M- 20 grade (Using mechanical Concrete Mixer) kerb stone top and bottom width 115 and 165 mm respectively, 250 mm high on 150 mm thick PCC M-10 grade foundation as per design, including fixing at site as per clause 408 of MoRT&H Specification including all material, labour, machinery, lighting, guarding and maintenance of diversion.	metre	2,598	244.00	6,33,912.00
	10.5	Painting two coats on specified surface with synthetic enamel paint of approved brand and shade, after thorough cleaning and necessary filling to give even shade as per clause 803 of MoRT&H Specification including all material, labour.				
50	10.5.1	On New Plastered concrete Surface	Sqm	6,674	83.00	5,53,942.00

51	10.8	Providing and laying marking of center line and stop line etc with hot thermoplastic compound 2.5 mm thick on road/ plain surface, including reflectorising glass beads @ 250 gms per sqm area with special applicator machine, as per IRC:35 including cleaning the surface of all dirt, dust and other foreign matter, demarcation at	Sqm	1,487	803.00	11,94,061.00
		site and traffic control involved. The finished surface to be level, uniform and free from streaks and holes as per clause 803 of MoRT&H Specification including all material, labour, machinery, lighting, guarding and maintenance of diversion.				
	10.9	Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of encapsulated lens type reflective sheeting vide clause 801.3, fixed over aluminium sheeting, 1.5 mm thick supported on				
		a mild steel angle iron post 3 metre long and size 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing including all material, labour.				
52	10.9.1	90 cm equilateral triangle	each	50	4,130.00	2,06,500.00
53	10.9.3	60 cm circular	each	60	3,660.00	2,19,600.00
54	10.9.4	80 mm x 60 mm rectangular	each	20	5,050.00	1,01,000.00
55	10.9.7	90 cm high octagon	each	8	6,390.00	51,120.00
	10.13	Providing and erecting overhead signs with a corrosion resistant 2mm thick aluminium alloy sheet reflectorised with high intensity retro-reflective sheeting of encapsulated lens type with vertical and lateral clearance given in clause 802.2 and 802.3 and installed as per clause 802.7 over a designed support system of galvanised steel trestles and trusses of sections and type as per structural design requirements and approved plans.				
56	10.13.1	Truss and Vertical Support	tonne	17	86,900.00	14,77,300.00
57	10.13.2	Aluminium alloy plate for over head sign	Sqm	148	1,300.00	1,92,400.00
58	10.17	Providing and fixing 50 mm dia G.I. steel pipe railing in 3 rows duly painted on medium weight steel channels (ISMC series) 100 mm x 50 mm, 1.2 metres high above ground, 2 m centre to centre, complete as per approved drawings including all material, labour.	Metre	426	2,210.00	9,41,460.00
59	10.19	Providing and fixing CAT's eye made of aluminium alloy size 75x100x22mm having 21 biconvex lenses embedded in circular disk of AS plastic on each side on road surface complete including allmaterial, labour, diversion.	Each	1,456	195.00	2,83,920.00

60	10.22	Providing and fixing "SWISS" type bollard 134cm height made out of 1.25mm thick M.S. sheet welded in conical section having upper dia 15cm and lower dia 20cm with another attachment of mandatory 7mm thick plate and fixed with the help of 7cm long, 30cm dia chrome plated MS tube, this part is fixed on the body with another attachment of a cap 30x7cm, whole body is painted in black stove enamel and mandatory plate in azure blue with one compulsory keep left arrow with 10mm border reflective strip each of 7.5cm on body complete in all respect including all material, labour, diversion.	Each	60	1,480.00	88,800.00
61	10.23	Providing and fixing of hazard marker made out of 2mm thick MS angle iron 25x25x3mm and fixed on channel posts 75x75x6 mm and hold fast at bottom whole body is painted in white stoving enamel and 6 nos. 5cm dia reflective sheet on white reflective background with additional border of 1.25cm all around it complete in all respect including all material, labour, diversion.	Each	32	495.00	15,840.00
62	12.1	Filling of Pot- holes and patch repairs with Built up Spray Grout in two layers with 53-22.4mm size of aggregate upto 75mm depth and removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 506, compacting with 8-10 tonne power roller, trimming and finishing the surface to form a smooth continuous surface complete using Bitumen VG-grade 30 as per clause 503, 506 & 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion	Sqm	2,100	262.00	5,50,200.00
63	12.2	Filling of Pot- holes and patch repairs with open graded premix surfacing 20mm thick compacted with bitumen binder VG-grade 30 @ 14.60 kg/10 sqm and aggregate in Hot mix plant, transporting the mixed material with tipper and laying manually to the required level and grade, rolling with power roller, 8-10 tonne, removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with hot bituminous material as per clause 511, compacting, trimming and finishing the surface to form a smooth continuous surface complete as per clause 3004.2 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion.	Sqm	1,470	120.00	1,76,400.00

64	13.4	Providing, laying and compacting plain/ reinforced cement concrete of specified grade in foundation/ leveling course/ pile cap using concrete mixer and vibrater complete including cost of form work, as per drawing and technical specifications and as per clause 1100,1500,1700,2100 of MoRT&H specification including all scaffolding material, labour, machinery PCC Grade M -15	Cum	2,285	3,840.00	87,74,400.00
65	13.4.2	PCC Grade M -20	Cum	67	4,310.00	2,88,770.00
	13.5	Providing, laying and compacting design mix plain/ reinforced cement concrete of specified grade in foundation/ leveling course/pile cap using batching plant, transit mixer and concrete pump and vibrater including cost of form work, complete as per drawing and technical specifications as per clause 1100, 1500,1700,2100 of MoRT&H specification.				
		including all material, labour, machinery, and				
66	13.5.8	maintenance of diversion RCC Grade M -35	Cum	1,449	5,100.00	73,89,900.00
67	13.24	Providing and laying TMT bar reinforcement at any level in foundation/ pile/ pile cap complete as per drawing and clause 1600 of MoRT&H Specification including all material, labour and machinery.	tonne	240	64,600.00	155,04,000.0
	14.6	Providing and laying structural plain/ reinforced cement concrete (design mix) of specified grade in substructure at all levels using concrete mixer and vibrater, including cost of form work, as per drawing and technical specifications complete as per clause 1500, drawing and technical specifications complete as per clause 1500, 1700 and 2200 of MoRT&H specification including all material, labour, scaffolding etc.				
68	14.6.5	RCC Grade M -25	Cum	188	5,150.00	9,68,200.00
69	14.6.7	RCC Grade M -35	Cum	2,998	5,250.00	157,39,500.0
70	14.9	Supplying, fitting and fixing in position true to line and level Elastomeric Bearing conforming to IRC:83 (Part-II) section IX and clause 2005 of MoRT&H specification complete including all accessories as per drawing and technical specification and as per clause 2000 & 2200 of MoRT&H Specification including all scaffolding, material, labour, machinery etc.	Cubic	14,86,485		11,14,863.75
71	14.10	Supplying, fitting and fixing in position true to line and level POTPTFE bearing consisting of a metal piston supported by a disc or unreinforced elastomer confined within a metal cylinder, sealing rings, dust seals, PTFE surface sliding against stainless steel mating surface, complete assembly to be of cast steel/fabricated structural steel, metal and elastomer elements to be as per IRC: 83 part-I & II respectively and other parts conforming to BS: 5400, section 9.1 & 9.2 and clause 2006 of MoRT&H Specifications complete as per drawing and approved technical specifications and as per clause 2000 & 2200 of MoRT&H Specification including all scaffolding, material, labour, machinery	per tonne load	7,560	308.00	23,28,480.00

1		etc.				
72	14.11	Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRT&H specifications with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and technical specification including all material, labour, machinery as per clause 710.1.4 of IRC:78 and clause 2200 of MoRT&H specification.	Cum	17,136	1,150.00	197,06,400.0
	14.12	Back filing in foundation, trench behind abutment, wing wall and return wall etc and below pipe bed in layers not exceeding 20cm in depth, consolidating each deposited layer compacted by mechanical means with all lead and lift as per drawing and technical specification including all material, labour, machinery as per clause 2100 and 2200 of MoRT&H specification including all material, labour, machinery.				
73	14.12.1	Using selected granular material (as per clause 2200 of MoRT&H).	Cum	100	836.00	83,600.00
74	14.14	Providing and laying precast cement concrete M- 30 Grade 100mm thick paving blocks of approved shape and size (not less than 0.20 sqm), over 100mm thick PCC M-10 Grade bedding (duly compacted) including filling of joints with cement sand mortar (1:3) complete as per drawing and specification and as approved by Engineer.	Sqm	200	975.00	1,95,000.00
75	14.16	Fabrication, Welding, Riveting, bolting by HSFG bolts wherever required, supply, transportation to site, Assembling, Launching, Erecting of steel girder spans as per drawings and specifications approved by Railway and department for composite construction i.e. (Steel +RCC) of superstructure of the Road Over Bridge with contractor's own mild steel confirming to IS: 2062 Grade 250(B) with all welds, rivets, nuts bolts rivet materials, weld materials, HSFG bolts, service bolts, with other ancillary steel structures fixed to the girder where necessary in proper level and alignment and as per technical specifications etc. with contractor's own materials, fabrication, machinery, templates, fixtures, equipments tools and plants, transportation to site, skilled/ unskilled labour, excise duty., Octroi, sales tax and other taxes, all leads and lifts, descent, loading, unloading, crossing one or more Railway track if required	kg	8,96,000	136.00	1218,56,000.

		etc. complete and as per technical specifications.				
		The rate shall also be inclusive of cold				
		straightening of deformed and bent girder parts				
		before their assembly. The structural steel to be				
		used should be manufactured by SAIL/ RINL/				
		TISCO/ ESSAR/ JINDAL only. For Painting prior				
		approval for superior brand/ make of the paint				
		should be taken from engineer in charge.				
		The rate shall be inclusive of supply, erection				
		and dismantling of staging and scaffolding and				
		other temporary arrangements required for the				
		purpose of assembly, erection and launching of				
		girders. The rate shall also be inclusive of cold				
		straightening of deformed and bent girder parts				
		before/after their assembly Metalising girder/				
		girder component such as cross girder, top chord				
		channels, bracing etc of BG new steel girder as				
		directed by engineer with epoxy paint spray not				
		less than two layers after preparing surface by				
		sand/grit blasting as per provision laid in				
		Appendix VI of IRS B-1179 code (latest				
		alteration) including one coat wash primer one				
		coat epoxy zinc crome primer and two coat of				
		epoxy paint with approved paint conforming to IS				
		specification for fabrication & erection of steel				
		girder bridge (RS B 1-79) as corrected up to				
		date with contractor's own materials, tools,				
		plants, labour, handling, rehandling if any				
		including all lead, lifts descents, crossing of				
		track/ obstruction etc. complete in all respect and				
		as per direction of the engineer.				
		Note: 1. The fabrication of girders must be got				
		done from RDSO approved firms only.				
		2. For Payment purpose, nominal weight of the				
	44.47	girder as per drawing will only be considered.				
	14.17	Providing and laying structural reinforced/ pre-				
		stressed cement concrete (design mix) of				
		specified grade using batching plant, transit mixer, concrete pump and vibrater in				
		mixer, concrete pump and vibrater in superstructure at all levels including cost of steel				
		form work complete as per clause 1500, 1600				
		and 1700 of MoRT&H specification including all				
		scaffolding, material, labour, machinery etc				
	14.17.4	RCC/PSC Grade M -40				
76	14.17.4.2	For T-beam & slab	Cum	1,352	6,410.00	86,66,320.00
		Providing, precasting, transportation and placing	Juin	1,002	0,110.00	20,00,020.00
		in position at all level precast pre/post-tensioned				
		specified grade girders complete as per drawing				
	14.18	and clause 1800 & 2300 of MoRT&H				
		specifications including all material, labour,				
		machinery including suitable crane etc.				
77	14.18.1	RCC M-40	Cum	1,006	21,200.00	213,27,200.0
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78	14.21	Providing and laying structural Reinforced cement concrete (design mix) of specified grade using mechanical concrete mixer and vibrater in approach slab, friction slab, edge beam, footpath and kerb as per approved drawing and specification as directed by the Engineer as per clause 1500 &1700 of MoRT&H specification including all scaffolding, material, labour, machinery etc. RCC M-30	Cum	1,370	5,980.00	81,92,600.00
79	14.21.2	RCC M-35	Cum	30	6,010.00	1,80,300.00
	14.22	Providing and laying structural Reinforced cement concrete (design mix) of specified grade using batching plant, transit mixer, concrete pump and vibrater in approach slab, friction slab, edge beam, footpath and kerb as per approved drawing and specification as directed by the Engineer as per clause 1500 &1700 of MoRT&H specification including all scaffolding, material, labour, machinery etc				
80	14.22.2	RCC M-35	Cum	152	6,340.00	9,63,680.00
81	14.22.3	RCC M-40	Cum	50	6,410.00	3,20,500.00
82	14.23	Designing, providing and erection of Precast RCC facia panels of thickness 180mm made with M-35 Grade concrete batching plant, transit mixer, concrete pump and vibrater for retaining earth with all elements and accessories including reinforcing element, complete as per approved drawing and clause 3100 of MoRT&H specifications including all material, labour, machinery etc. (Scope of work includes designing, getting approval, casting in yard including reinforcement, curing, storing, transporting, lifting, placing in position, erection with all necessary fasteners etc complete)	Sqm	20,758	4,620.00	959,01,960.0
83	14.24	Providing, placing and compacting to desired density approved backfill material in layers as per approved methodology including testing for reinforced fill portion and random fill portion in the approaches between the Reinforced Soil (RS) wall panels as pre approved drawings as per clause 3103 of MoRT&H specification The soil should be predominately coarse grained not more than 10% of particle should pass 75 micron sieve The item shall be measured and paid for the finished volume of backfill and sub-grade placed in position excluding the volume of filter media at base and behind the RS walls.	Cum	78,045	383.00	298,91,235.0
84	14.25	Supplying, fitting and placing TMT bar reinforcement in sub structure/ superstructure at all level complete as per drawing and clause 1600 & 2200 of MoRT&H Specification including all material, labour, machinary etc.	tonne	1,429	65,700.00	938,85,300.0
	14.28	Providing and laying Precast Reinforced cement concrete slab for footpath and median with approved finish, constructed with specified grade				

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		concrete as per dimensions in the approved				
		drawing and at locations directed by the Engineer including form work and excluding				
		reinforcement and complete as per clause 1500				
		& 1700 of MoRT&H specification including all				
85	14.28.2	material, labour, machinery. RCC M-25	Cum	441	5 200 00	22 02 200 0
		RCC M-20	Cum		5,200.00	22,93,200.0
86	14.28.3		Cum	120	5,220.00	6,26,400.00
		Construction of precast/ cast-in-situ RCC railing M-30 grade, true to line and grade, center to				
		center spacing between vertical post not to				
		exceed 2000mm leaving adequate space				
87	14.29	between vertical post for expansion, complete as	Metre	240	1,590.00	3,81,600.00
07	14.23	per drawing and technical specification and as	Metre	240	1,590.00	3,01,000.00
		per clause 1500, 1600, 1700 & 2703 of MoRT&H				
		Specification including all material, labour,				
		machinary etc.				
		Providing and fixing Mild steel railing including				
		painted, complete as per drawing and technical				
88	14.30	specification and as per clause 1900 & 2703.2 of	Metre	100	2,870.00	2,87,000.00
		MoRT&H Specification including all material,			_,	_,,
		labour, machinary etc.				
		Providing, laying and fixing of strip seal				
		expansion joint catering to maximum horizontal				
		movement upto 70 mm complete as per				
		approved drawings and as per clause 2600 of				
		MoRT&H specifications to be installed by				
		manufacturer's authorized representative				
89	14.32	ensuring to compliance to manufacturer's	Metre	162	9,060.00	14,67,720.00
		instruction for installation including preparing the				
		edges of bridge, welding to exposed				
		reinforcement, concreting with design mix of				
		grade of bridge or M-35 whichever is richer				
		including all material, labour, machinery etc complete.				
		Providing and erecting Drainage Spouts with	1			
		0.15m long GI pipe 150mm dia and GI bolt				
		10mm dia with Galvanised MS flat clamp				
90	14.33	complete as per drawing and Technical	Each	133	862.00	1,14,646.00
		specification as per clause 2705 of MoRT&H				.,,
		specifications including all material, labour,				
		machinery etc.				
		Providing and constructing of Reinforced cement				
		concrete crash barrier at the edges of the road,				
		approaches to bridge structures and medians,				
		constructed with specified grade concrete using				
		mechanical mixer and vibrator with 450 mm long				
		at expansion joints filled with pre-moulded				
	14.35	asphalt filler board, keyed to the structure on				
		which it is built and installed as per design and				
		dimensions in the approved drawing and at				
		locations directed by the Engineer, all as				
		specified as per clause 809 of MoRT&H				
		specification including all material, labour scaffolding etc				
91	14.35.3	RCC M-35	Cum	4,507	5,790.00	260,95,530.0
31	14.00.0		Sum	т,007	5,750.00	200,00,000.0

Signature of tenderer (s)

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92	14.38	Providing and erecting a "Thrie" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2 m high with 1.15 m below ground level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a space of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 810 of MoRT&H specification including all material, labour machinery etc.	Metre	354	4,240.00	15,00,960.00
93	14.39	Providing and fixing G.I. Pipes railing of 80 mm dia. (Class B) over brackets of 16 mm thick MS plate with 200 mm at bottom & 120 mm at top with 200 mm height welded to 16 mm thick MS Plates of size 200 X 175 anchored with 400 mm long 4-12 mm dia.steel bars at the top of RCC crash barrier @1.0m c/c including fixing arrangement as per the drawing, clause 800 of MoRTH specification and as per the direction of the Engineer.	Metre	4,414	1,170.00	51,64,380.00
94	14.41	Providing and applying elastic, elastomeric membrane foming system with anti carbonation and breathing properties. The system should be based on solvent free acrylic polymer with selected minerals fillers and should be ultra violet resistant, crack bridging type, carbonation resistant, breathable, environment friendly, water proofing coating. for anti carbonation equivalent air layer thickness denoted as R or SDCO2 >= 50mm and for breathability equivalent air layer thickness denoted as SDH2O shall be <= 4mm for vapour transmitting barrier. The system consist of one coat primer namely PREMIX 250 or equivalent @ 75-100 g/sqm. The consumption of main polymer namely EMCECOLORFLEX or equivalent to give film thickness of 200-225 microns(solid content,70% +-3%)should be	sqm	20	355.00	7,100.00
		application (either by roller or brush)and surface smoothness of concrete. The total dry film thickness of the coating should be min. 200 microns for the above system. Polymer coating should be in suitable shades, including cost of materials, cleaning, chipping and removing the dirt particles of the concrete slabs with wire brush & water, labour charges for filling the bug holes, cracks, joints etc. with one component polymer modified fine repair and cosmetic mortar, labour for applying above coating, scaffolding charges, all inclusive taxes.				

		Providing, fixing, maintaining, shifting & refixing,				
95	14.42	barricading of minimum 2.0 mtr height at stipulated active site of the same project site, made with angle iron frame of 50x50x5mm and GI sheet of 0.63mm thick including primer painted initialy, painting, lettering & border with reflective paint at the time of every shifing, traffic diversion arrangement, safety guard, suitable lightning arrangement during night, complete in all respect till completion of the project as per technical specification and direction of Engineer- In-charge and same shall be possessed by the contractor after completion of the Project. Payment under this item will be released: (1) 50% At the time of Providing new barricading at the time of start of project at location and plan as approved by the Engineer & certification. (2) 50% After completion of project including shifting re-erecting and maintaining the barricading in position, during entire construction tenure with requisite manpower /flagman etc. complete for guiding traffic and safety etc and dismantling after completion of project.	Sqm	1,000	2,650.00	26,50,000.00
	19.6	Providing, lowering, laying in trenches, aligning, fixing in position and double flanged (welded) centrifugally (spun) Ductile iron ISI marked K-9 grade pipes as per IS:8329-2000 (amended upto date), (including jointing and jointing material) complete including all material, labour, hydraulic testing and commissioning as per Technical Specifications and as per direction of Engineer				
96	19.6.2	150 mm	Metre	20	3,490.00	69,800.00
	19.14	Providing, lowering, laying, aligning, fixing in position at and jointing at all level/ depths ISI marked HDPE pipes of PE-100 grade & PN-6 for potable water as per IS 4984 (amended upto date) in trenches in complete including all material, labour, testing and commissioning as per Technical Specifications and as per direction of Engineer.				
97	19.14.1	90 mm dia	metre	5,100	218.00	11,11,800.00
98	19.14.5	160 mm dia	metre	9,544	664.00	63,37,216.00
99	19.14.9	250 mm dia	metre	112	1,610.00	1,80,320.00
100	29.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete:	Kg	6,250	74.50	4,65,625.00
	29.25	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
101	29.25.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	Kg	1,000	88.50	88,500.00

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	30.20	Chequered precast cement concrete tiles 22 mm				
		thick in footpath & courtyard jointed with neat				
		cement slurry mixed with pigment to match the				
		shade of tiles including rubbing and cleaning etc.				
		complete on 20 mm thick bed of cement mortar				
100	20.00.0	1:4 (1 cement: 4 coarse sand).		5.040	000.00	05.04.000.00
102	30.20.3	Dark shade using ordinary cement.	sqm	5,310	660.00	35,04,600.00
		Providing and fixing on wall face Unplasticised				
	04.44	Rigid PVC rain water pipes conforming to IS :				
	31.41	13592 Type A including jointing with seal ring				
		conforming to IS : 5382 leaving 10 mm gap for				
102	21 41 2	thermal expansion. (i) Single socketed pipes 110 mm diameter	motro	1 000	220.00	0.04.700.00
103	31.41.2		metre	1,008	220.00	2,21,760.00
	32.35	Finishing walls wit Acrylic Smooth exterior paint of required shade				
		New work (two or more coat applied @ 1.67 ltr./10	_			
104	32.35.1	sqm over and including base coat of water proofing	Sqm	26,284	77.00	20,23,868.00
		cement paint applied @ 2.20 kg / 10 sqm.)				
		Finishing with Epoxy paint (two or more coats) at				
	32.41	all locations prepared and applied as per manufacturer's specifications including				
	32.41	manufacturer's specifications including appropriate priming coat, preparation of surface,				
		etc. complete.				
105	32.41.1	On steel work	sqm	20	118.00	2,360.00
106	32.41.2	On concrete work	sqm	100	122.00	12,200.00
		Painting with synthetic enamel paint of approved	• •			,
	32.50	brand and manufacturer of required colour to				
		give even shade.				
107	32.50.1	Two or more coats on new work	sqm	100	66.50	6,650.00
		Add extra over items of Cement Plaster / Cement				
		Concrete Flooring/Plain or RCC work providing and				
		mixing admixture of synthetic fibre 6 mm / 12 mm	Per			
108	32.68	@ rate of 125 gm. pack per 50 kg. of Cement or in	Pack	40,000	53.00	21,20,000.00
		the ratio of as specified by manufacture	125 gm			
		specification and direction of the Engineer with all				
		leads and lifts.				
		Cleaning and removal of earth, silt, sludge, kankar, boulder, building material and garbage in existing				
	35.22	nallah/drains including construction of bye pass				
	00.22	arrangement to bye pass water with 1.5m lift from				
		ground level and lead upto 50 m				
		including foul & saturated condition where pumping				
		out or bailing out of water is required, including				
		shoring, shuttering where required and dewatering.				
		Making access for disposal and dressing disposal				
109	35.22.1	side as per the directed of the Engineer. Depth upto 1.50 m	Cum	20	286.00	5,720.00
109	39.1	Trenching in specified soil up to a depth of 60 cm	Cum	20	200.00	5,720.00
	55.1	including removal and stacking of serviceable				
		materials and then disposal by spreading and				
		neatly leveling within a lead of 50 meters and				
110		making up the trenches area to proper levels by	Cum	20	170.00	3,400.00
		filling with earth or earth mixed with sludge or/and				
		farm -yard manuare before and after flooding with				
		water(excluding cost of imported earth and sludge				
		or farm yard manure)				

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111	39.3	Supplying and stacking good earth at site of work.Note: 1) Loading, unloading and carriage to be paid extra as per actual lead.2) Earth measured in stacks will be reduced by 20% for payment	Cum	50	167.00	8,350.00
112	39.4	Supply at site of work well decayed farm yard manure, from any available source, approved by the engineer in charge including screening and stacking.	Cum	10	847.00	8,470.00
	39.12	Grassing with 'Doobs' grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for moving including supplying good earth if needed.				
113	39.12.2	In rows 7.5 cm apart in either direction	sqm	200	26.00	5,200.00
114	39.22	Planting permanent hedges including digging of trenches, 60 cm wide and 45 cm deep, refilling the excavated earth mixed with farmyard manure, supplied at the rate of 4.65 cum per 100 metres and supplying and planting hedge plants at 30 cm apart.	Metre	200	219.00	43,800.00
115	39.23	Maintenance of Hedge for one year	Metre	200	181.00	36,200.00
116	39.24	Planting Flowering Plants and Shrubs in Central Verge	Km	0.40	80,300.00	32,120.00
117	39.25	Maintenance of Flowering Plants and Shrubs in Central Verge for one Year.	Km	0.40	1,76,100.00	70,440.00
118	39.30	Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year.	Each	400	1,040.00	4,16,000.00
119	39.36	Providing and fixing MS iron tree guard 60 cm dia and 2 metre high above ground level formed of 4 Nos (25 x 6 mm) and 8 Nos (25 x 3 mm) vertical MS riveted to 3 Nos (25 x 6 mm) iron rings in two halves, bolted together with 8 mm dia and 30 mm long bolts including painting two	Each	400	1,990.00	7,96,000.00
		coats with paint of approved brand over a coat of priming, complete in all respects.				
		Electrical Items for Road Light				
	43.4	S&F following sizes of ISI marked steel conduit along with heavy duty accessories in surface /recessed using saddles, clamps, fasteners as required including cutting the wall and making good the same as required.				
120	43.4.5	50 mm Group 1	R. mtr.	100	298.00	29,800.00
	44.1	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor ISI marked (IS:694) of 1.1 kV grade and approved make in existing surface or recessed conduit/casing capping including making connections etc. as required.		-		
121	44.1.7	2 x 2.5 sq.mm group 1	Mtr.	3,510	36.00	1,26,360.00
	44.1.9	3 x 2.5 sq.mm group 1	Mtr.	100	55.00	5,500.00

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	46.1	P&F 240/415 V MCB of breaking capacity not				
		less than 10 KA (B/ C/ D tripping characteristic)				
		ISI marked IS 8828(1996)]/ conforming to IEC				
		60898 in existing board/sheets including making				
	46.1.2	connections with lugs, testing etc. as required. Double pole MCB				
100	46.1.2.1	•	Fach	204	400.00	00 550 00
123		6 A to 32 A rating group 1	Each	204	488.00	99,552.00
	46.5	P&F Recessed/ Surface mounting heavy duty horizontal type sheet steel Distribution board				
		phophatised/ powder painted complete with				
		copper bus bar, shorting link ,neutral link, earth				
		link and din bar, conforming to IS13032 & IS8623				
		including making internal DB terminations with				
		copper lugs, testing etc. as required.				
	46.5.6	Double door (Three phase) Per phase isolation				
124	46.5.6.2	2+12 Way	Each	14	9,750.00	1,36,500.00
	46.10	P&F recessed/ surface mounting heavy duty				
		Vertical type sheet steel Distribution board with				
		provision of 8 way incomer, phophatised ,powder				
		painted complete with insulated copper bus bar,				
		neutral link, earth link and din bar, conforming to IS13032 & IS8623 including making internal DB				
		terminations with copper lugs testing etc. as				
		required				
	46.10.2	Double door (Three phase)				
125	46.10.2.4	12 Way	Each	14	8,740.00	1,22,360.00
	48.22	P&F of thermoplastic/ PVC cable junction boxes			0,1 10100	.,,
		of following minimum sizes with IP65/ IP55				
		protection including threaded cable glands made				
		of polyamide material, terminals complete in all				
		respect.				
126	48.22.4	150 x 110 x 70 (mm)) (10 Sq. mm)	Each	8	642.00	5,136.00
	51.1	P/Laying XLPE insulated / P.V.C. sheathed				
		cable of 1.1 KV grade with aluminium conductor				
		Armoured of IS:7098-I/1554-1 approved make in ground as per IS:1255 including excavation of				
		30cmx75cm size trench, 25 cm thick under layer				
		of sand, IInd class bricks covering, refilling earth,				
		compaction of earth, making necessary				
		connection, testing etc. as required of size.				
	51.1.2	4.0 Sq.mm				
127	51.1.2.1	2 core group-2	Mtr.	800	104.00	83,200.00
	51.1.4	10.0 Sq.mm				
128	51.1.4.3	4 core group-2	Mtre	16,880	149.00	25,15,120.00
	51.1.6	25 Sq.mm				
129	51.1.6.4	4 core, group-l	Mtre	200	221.00	44,200.00
	51.1.7	35.0 Sq.mm				
130	51.1.7.4	3.5 core, group-l	Mtre	100	245.00	24,500.00
	51.1.8	50.0 Sq.mm				
131	51.1.8.4	3.5 core group-2	Mtre	8,750	263.00	23,01,250.00
	51.1.11	120.0 Sq.mm				
132	51.1.11.4	3.5 core group-2	Mtre	4,400	505.00	22,22,000.00
	51.1.13	185.0 Sq.mm				
		·				

133	51.1.13.4	3.5 core group-l	Mtre	3,720	834.00	31,02,480.00
133	53.1	P & Laying XLPE insulated IS:7098/II/85 of	witte	3,720	034.00	31,02,400.00
	55.1	approved make H.T.cable for working voltage 11				
		K.V.Earthed direct in ground including excavation				
		of 30cmx100cm size trench, 25cm layer of river				
		sand, IInd class bricks covering, refilling earth,				
		compaction of earth, making necessary				
		connection testing etc.as required of size.				
134	53.1.7	3 core 185.0 Sq.mm	Mtre	3,620	1,280.00	46,33,600.00
	53.2	Providing & making heat shrinkable type				
		indoor/outdoor/straight through terminations/joint				
		kit of approved make suitable for XLPE insulated 11 KV cable, with required components,				
		prepration of cable ends, testing etc. as required				
		of following sizes .				
	53.2.2	Outdoor				
135	53.2.2.3	3 core 120/150/185/225 Sq.mm	Set	24	3,465.00	83,160.00
	53.2.3	Straight Through				
136	53.2.3.3	3 core 120/150/185/225 Sq.mm	Set	10	8,160.00	81,600.00
		Pipe Earthing as per IS:3043 with perforated 3.0				
		Mtr. Long, 40 mm dia. ' B ' class G.I. Pipe				
		including all accessories like nut, bolts, reducer,				
137	55.1	nipple, wire meshed funnel, and C.C. finished chamber covered with hinged type with locking	each	46	1,650.00	75,900.00
137	55.1	arrangement C.I. Cover, C.I. Frame of size	each	40	1,050.00	75,900.00
		300mm x 300 mm and embodying the pipe				
		complete with alternate layers salt and coke/				
		charcoal, testing of earth resistance as required.				
		S & Laying following size earth wire/strip in				
	55.4	horizontal or vertical run in ground/surface/				
		recess including riveting, soldering, saddles, making connection etc. as required.				
138	55.4.5	8 SWG G.I. Wire	Mtr.	100	8.00	800.00
100	00.4.0	P & F IP-65 protected street light luminaire on		100	0.00	000.00
		existing bracket suitable for HPSV/ MH LAMP,				
		made out from powder coated single piece die				
		cast aluminium housing, electrochemically				
		brightened and anodized POT optics aluminium				
	59.3	reflector, heat resistant and toughened glass				
		cover and accessories like copper ballast, electronic ignitor, capacitor, holder prewired up				
		to terminal block etc. as required including				
		making connection testing etc. as required				
		(without lamp)				
139	59.3.3	1 X 250 Watt group-I	Each	20	5,740.00	1,14,800.00
Ι Τ		P & F high pressure sodium vapour/ High				
	59.12	pressure mercury vapour/ Metal halide/ halogen				
┝──┤	50 40 4	lamp as required				
140	59.12.1	HPSV Elleptical lamp normal output	Fash	20	E70.00	11 500 00
140	59.12.1.3 59.21	250 watt group-I Supply and erection of Octagonal pole of	Each	20	578.00	11,560.00
	JJ.Z I	following length and dimension as per table E-20				
		with base plate on the cement concrete				
		foundation of M-15 grade (1:1.5:3) with the help				
		of anchor bolts of grade 6.8 (IS 1367 P III). The				

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		pole shall be made of S-355JO grade steel sheet				
		, folded lengthwise to obtained Octagonal shape,				
		having single longitudinal seam weld and hot				
		dipped galvanised internally & externally in				
		accordance with IS 2629. The pole shall have a				
		weatherproof flush door and locking				
		arrangements. The complete work shall be				
		supervised and certified by the manufacturers for				
		satisfactory supply, erection, testing and				
		commissioning.(SEE TABLE)				
141	59.21.4	10 Mtr. Group 1	Each	204	19,600.00	39,98,400.00
	59.22	Supply, Erection and Fixing of hot dipped				
		galvanised Overhang (60 X 3.25 mm) with cap				
		(250 x 137.9 x 4.05 mm) over the existing poles				
142	59.22.1	Single arm overhang group 1	Each	204	935.00	1,90,740.00
	59.34	P/ F IP-65/ IP-66 protected street light luminaries				,,
		on existing bracket. Fixture made from powder				
		coated single piece pressure die cast aluminum				
		housing with heat dissipation fins on housing				
		with high power LEDs of CREE/ NICHIA/				
		OSRAM/ PHILIPS make. Diffuser /glass cover				
		for ensuring IP-65 protection for lamp and control				
		gear compartment, system lumen output of				
		1500–8500 high power LED. Integrated driver				
		shall be high efficiency having efficiency more				
		than 85 % and in compliance to IEC standards.				
		System life of 25000 burning hours with 70 % of				
		initial lumens maintained. Fixture shall be in CE				
		compliance.				
	59.34.1	IP-65 protected LED street light luminaries				
143	59.34.1.4	LED street light fixture 110-120 watt group-l	Each	216	43,000.00	92,88,000.00
	60.3	Supply and erection of P.C.C./R.C.C. pole as			,	
	0010	per REC manual no 15/1979 conforming to IS:				
		2905/1966 as per requirement of sec3 in				
		alignment, including excavation of pit and back				
		filling with stone aggregate/boulders and soil in				
		0.45m consolidating each deposited layer of				
		0.45m by ramming and watering etc complete in				
		all respect				
144	60.3.2	9.0 Mtr long as per Discom specification	Each	40	3,220.00	1,28,800.00
	60.4	Supply and eraction of GI stay set as per Discom		-		, _,
	50.1	specification complete with long stay rod with				
		anchor plate including stay clamps turn buckle				
		and G.I stay wire tightened through strain				
		insulator, in cement concrete 1:3:6 including				
		excavation of pit-re-filling etc as reqd.				
	60.4.2	Stay set of dia 16mm,1.8m long stay rod and				
145		anchor plate 300x300x6.4mm	Each	19	785.00	14,915.00
		Supplying and drawing overhead steel core				
		Aluminium conductor (ACSR) ISI marked(IS 398				
	60.0	part II-1996) on existing cross arms through				
	60.9	insulator with all necessary T&P required				
		including binding and twisting etc. complete in all				
		respect as required as per Discom				
		specification.				

146	60.9.5	100 sqmm of (6/4.72 mm+1/1.57 mm) (Dog)	Mtr	100	89.00	8,900.00
	60.18	Supply and fixing 11kV Disc insulator (IS 731/ 1971) with minimum creepage distance of 300mm on existing bracket including all accessories like hot dipped GI spindle and nuts etc (as per specification of Discom).			55.55	5,550.00
147	60.18.1	B & S type hardware & insulator	Each	8	965.00	7,720.00
148	60.18.2	T & C type hardware & insulator	Each	80	650.00	52,000.00
149	60.20	Supplying and laying earth conductor from electrode to source in ground/ floor/ wall on iron saddles etc as required including making connection duly soldered or crimped 7/3.15 mm hot dipped stay wire.	Mtr	380	20.00	7,600.00
150	60.22	Supply and fixing of piller box made of 2mm CRCA MS sheet of 415 volts 3 phase 4 wire triple pole and neutral type, complete in all respect as required. Including knife switch, HRC fuses with copper one piece U contacts base, brass studs and nuts, copper busbar for main and interconnection, MS angle frame of 50 x 50 x 6 mm grouted with C.C. of M-10 grade to achieve the height of 1.5 feet above the road level suitable for four outgoing.(400Amp capacity)	Each	2	42,500.00	85,000.00
151	60.23	Supply and fixing 100 Amp, 11kV Horn gap fuse set IS 9385 on existing DP structure with 6 nos 24kV/22kV post insulator (IS:5350 part III), hot dipped hard ware, fuse wire of required size etc. complete in all respect as per specification given by Discom. (Type tested by ERDA/CPRI)	Each	4	6,050.00	24,200.00
152	60.24	Supply and fixing of 11kV, 400 Amp 3pole, central pot rotating double break type isolator (IS:9921 part I toV) without earth blade operating mechanism with GI spring loaded reverse loop type fixed contact, solid hard drawn electrolytic copper tubular moving contact with silver/ nickel plated at end points, 9 nos post insulator of 12 kV (IS:2554 & IS 5350 part III), hot dipped galvanising hard ware, nut, bolts etc complete in all respect as per specification of Discom.(Type tested by ERDA/CPRI.)	Each	4	13,200.00	52,800.00
153	60.25	Supply and fixing of distribution type Lightening arrestor 9 kV, 5 kA (IS:3070) with mounting breaking to be installed on existing DP structure. (Type tested by ERDA/CPRI.)	Each	12	2,390.00	28,680.00
154	60.26	Supply and fixing double pole structure for 11/0.4 Kv substation as per Discom specification complete in all respect as required including nuts and bolts etc (excluding the cost of poles) made of MS channel of 4 nos 100 x 50 x 6mm and 4 nos 75 x 40 x 6mm and MS flat 50 x 6mm as per Discom specifications.	Each	4	8,570.00	34,280.00

	60.31	P&F of thermoplastic/ PVC cable junction boxes (United/ HPL make) of following sizes including clamps for holding the box, cost of DIN rail for MCB mounting, connectors for cables terminals, threaded cable glands made of polyamide material etc. complete in all respect.				
155	60.31.5	supply and installation of spike of M.S rod 20mm dia 3.0 mrt long for earthing of (tower/pole) drive into earth by mechanical means structure connecting the spike with cross arm top hamper PCC pole, lattics tower to earth etc. complete as per technical specification of DISCOM.	Each	22	650.00	14,300.00
	71.1	Dismantling of existing LT/HTelectric lines including poles/towers, ACSR conductors, guard wires, stay wire, insulators and other electrical items of the pole coming along the alignment of the road or in the plant premises and removal				
		and transportation as well as disposal of all the items as per the direction of engineer incharge.(Serviceable material or candum material.)				
156	71.1.1	Dismantling of 33KV Lattice Tower (580 kg/520kg) with all accessories brackets, tophamper, chakri, V-Cross arms guard bracket, stay, insulators (pin /disc) etc.	Each	2	3,000.00	6,000.00
157	71.1.6	Dismantling of LT line /joist/rail pole (PCC 8/9 mtr height) with existing street light fixtures, brackets, top hamper, earth guarding bracket, insulators, stay etc with ACSR conductor, 3 phase/ single phase, one neutral one earthwire and one street light phase)	Each	133	1,200.00	1,59,600.00
158	71.1.9	Dismantling and rerolling of 11KV conductor any type	Rmt	4,100	8.00	32,800.00
159	71.1.13	Dismantling and reinstallation of 11KV Feeder pillar box any type	Each	10	3,000.00	30,000.00
	71.2	Fabrication supply and erection of new 11 KV line poles structures with all necessary required items for stringing the ACSR conductors insulators, V - cross arms, chakri, top hamper, brackets, stay and other items including reconnection of existing service lines of service connections.				
160	71.2.2	11 KV pole 10 mtr height. (single phase/3 phase) R.S joist	Each	8	10,000.00	80,000.00
161	71.4	MAIN CUBICAL PANEL / STREET LIGHT CONTROL PANEL P/F testing & commissioning of kiosk type weather proof out door main cubical panel size 750 mm X 1250 mm X 500 mm (app.) made out of 14 gauge MS sheet front and back	Each	8	55,000.00	4,40,000.00
		both side openable duely hinged door with locking arrangement by providing both side held draft and all required hard wares. The cubical should be dust and vermin proof followed by coat of zimpholite primer and finally two coats of enamal gray paint. The cubical should be mounted with hard ware on angle iron frame size				

	 50 X 50 X 6 mm and 1500 legs duly painted framed be grouted 750 mm below ground level with cement concrete 1:3:6 in 1000 X 500 X 600 mm and providing brick masonry along angle iron frame above G.L. They shall be in two section comprising as follows: (i) Providing & Fixing 415V, TP combination double break HRC switch fuse unit ,100 Amp. Rating for incoming supply with HRC fuse 100 Amp rating and BCH/L&T/EE/ Siemens/ ABB. (ii) Providing fixing timer switch TSQ 100 series 240 Volts, and full running service slandered mounting with base of L & T or equivalent make including the cost of contactor and 63 amp. 50 Hz. 440/400volt. (iii) P/F open busbars 25mmX3mm of required length duly covered by heat shrinkable sleeves with busbar supporters. (iv) Provision for residual current operated 63 Amp. 1 Pole ELCB of MA to 300 MA sensitively as required including making connections etc.(EE/Load stop make). (v) P/F Nos. 415 Volts Tpn combination double break switch fuse unit,63 Amp. Rating with HRC fuses (EE/mds/ SCHNEIDER bch/Siemens) for outgoing cable and making connection etc. also to have a provision for two nos. above switches. (vii) P/F of 3 nos. RYB phase indicator resistance type complete with lamp (Takaic/ac.). P/F HP danger plate of size 200 X 150 mm made of aluminium sheet 20 gauge. (viii) P/F cable glands double compression type and Al. lugs duly crimped for incoming cable and out going up to 5mm Cables. (viii) Providing 2 Nos. earth terminals including lugs and H/W duly inter connected with 8 SWG bars copper wire. (ix)Inter connection of main busbar to each out going switch and swathes to cable terminal shall be with 4 sqmm PVC copper conductor duly crimped with AL lugs. (x) Cable termination shall be fixed at backside of the panel with HW and spring washers. 				
	(xi)Light control switch with photo senser complete unit as required.				
162 71.8	Providing cut point for LT line	Each	78	800.00	62,400.00
163 71.9	Providing cut point for 11 KV line	Each	20	1,600.00	32,000.00
164 71.12	Providing of LT distribution pillar box, LT dis connector with 400amp I/C and 200 amp 3Nos O/G with abonite 8mm sheet, size 100mmx500mmx 700mm with top tampered for distribution transformer	Each	20	8,000.00	1,60,000.00
165 71.14	Providing & Laying GI pipe 125mm dia B- Class	mtr.	384	798.00	3,06,432.00
166 71.15	Providing & Laying GI pipe 150mm dia B- Class	mtr.	800	1,050.00	8,40,000.00

TOTAL OF SCHEDULE "A"				64,58,7	2,496.00	
176	RUIDP SOR 2013	Execution of items not covered in any of the schedule under tender BOQ but essentially required to complete the contractual scope of work to Complete ROB & Approaches in all respect to be executed as per site requirement and payable as per RUIDP SOR 2013 items (Civil Works)	SOR Unit	2	2500000	50,00,000.00
175	4101	Horizontal directional drilling (by trenchless technology) of suitable dia hole below natural ground level in all type of soil and pulling 200 mm dia (ID) HDPE pipe including excavation, shoring/ strutting, preparation, maintaining the thrust and receiving pi	metre	806	545.00	4,39,270.00
174	2307	200 mm dia HDPE pipe PE-100 for potable water as per IS 4984	metre	806	841.00	6,77,846.00
173	1863	125 mm dia U-PVC pipes with rubber ring (working pressure 6 kg /cm^2)	metre	20	291.00	5,820.00
172	0740	GI pipe 150 mm dia "B" class.	metre	100	1,185.00	1,18,500.00
171	0218	Skilled Beldar	Man day	1,000	350.00	3,50,000.00
		LABOUR	monun			
170	0168	Providing and supply of computer operator	per month	40	6,000.00	2,40,000.00
109	12.10.2	Machinary	Lati	120	103.00	13,000.00
169	72.16.2	T & C type insulator with hardware	Each	120	165.00	19,800.00
168	72.16.1	accessories like hot dipped GI spindle and nuts etc (as per specification of Discom). B & S type insulator with hardware	Each	60	300.00	18,000.00
	72.16	Dismantling and re-fixing11kV Disc insulator (IS 731/ 1971) with minimum creepage distance of 300mm on existing bracket including all				
167	72.1.2	9.0 Mtr long as per Discom specification	Each	10	813.00	8,130.00
	72.1	Dismantling and re - erection of P.C.C./R.C.C. pole as per REC manual no 15/1979 conforming to IS: 2905/1966 as per requirement of sec3 in alignment, including excavation of pit and back filling with stone aggregate/boulders and soil in 0.45m consolidating each deposited layer of 0.45m by ramming and watering etc complete in all respect				

	SCHEDU	JLE-B: (NS Items)				
1	NS/1	Laying of new BG/MG track at level crossings as per RDSO approved drawing with Railway's New/SH rails for check rails and special sleepers laid truly square at required spacing over the compacted ballast bed with contractor's own labour and T & P. The rates include fabrication of check rails as per standard drawing, fixing them on the special sleepers with the help of MS brackets, bolts, washers, plate screws etc; applying two coats of anti corrosive paint of approved quality on running as well as check rails, marking sleeper spacing, cleaning and greasing of the MCI insert and ERCs as per Para 1411 (5) of IRPWM (second reprint 2004 corrected up to date), raising of track in stages by not more than 75mm at a time to achieve clean ballast cushion of 300mm to 350mm, two rounds of packing manually to bring the longitudinal and transverse level to desired standard, dressing and boxing of ballast, providing wooden blocks between the check rails on both the ends and filling up the space between the wooden blocks by ballast to facilitate smooth movement of road traffic and any other incidental work to the entire satisfaction of the Engineer in charge. Level Crossings with 7.00 (+0.50) m long check rails. (Use this NS item only when a Temporary LC is	Each LC	2	5247	10494.00
2	NS/2	Supply, installation testing and commissioning of lifting barrier (for level crossing gate) Drawing No.SA-7974/M (Adv) Alt-3 with Gate lamps, levers with lever locks, boom locks arrangement and winch to Drg. No.SA-8132DC (Adv), complete 10 meters to spec. No. IRS-S-1078. Both side of level crossing (1 set = 02 Barriers.).	Sets	2	223572	447144.00
		(Use this NS item only when a Temporary LC is required to be commissioned)				
	NS/3	Transportation of any Railway material (relieving girders, cross girders etc.)				
3	(a)	Lead up to 10 Km.	MT	20	258.00	5,160.00
4	(b)	Extra lead beyond 10 Kms. For every kilometre or part thereof	MTKM	1,000	3.55	3,550.00
	TOTAL OF SCHEDULE "B"				4,66,348.00	

VEIIICIE	for Inspection Providing One vehicles of SUV category				
NS/4	INNOVA/ SCORPIO or equivalent with Driver and POL for requirement of Employer/ client as directed for any single day purpose movements limited to 150 kms per day & 12 hours average duty complete. (No other payment will be admissible except Toll tax and that will be reimbursable separately as per actual receipts).	Per day	120	2500	300000.00
NS/5	Providing One vehicles of category INDIGO/SWIFT or equivalent with Driver and POL for requirement of Employer/ client as directed limited to 3000 kms per month & 12 hours/day average duty complete . (No other payment will be admissible except Toll tax and that will be reimbursable separately as per actual receipts). This item is additional to supply of vehicle mentioned in the tender document any where as incidental to the work.	Per Month	40	35000	1400000.00
NS/6	Detailed Design and Drawing Preparation Consultancy work for ROB				
a.	Submission of all Detailed Design, Detailed Working /Construction Drawing etc. to DFCCIL after proof checked by IIT Delhi/ NIT/any other proof checking consultant approved by DFCCIL, and approved Clients and Railways for Foundation, Sub-Structure and Approaches for ROB and RUB both.	LS	2	350000	700000.00
b.	Submission of all Detailed Design, Detailed Working /Construction Drawing etc. to DFCCIL after proof checked by IIT Delhi/ NIT/any other proof checking consultant approved by DFCCIL and approved Clients and Railways for Super Structure and any leftover part for ROB and	LS	2	350000	700000.00
C.	Submission and approval of detailed launching scheme / placement of girders for Railway portion within Railway Boundary duly approved by Railways and CRS complete.	LS	2	175000	350000.00
d.	Providing design support during construction like modifications in design, redesign / clarifications as per site requirement and submission of completion drawing / report (Upon issue of completion certificate this item will be considered)	LS	2	125000	250000.00
	TOTAL OF SC	HEDULI	E "C"	37,0	0,000.00
TOTAL COST OF WORK (Total of Schedule A, B & C)				65,00,38,844.00	
_	NS/5 NS/6 a. b.	Initiation to 50 kms per day & 12 hours average duty complete. (No other payment will be admissible except Toll tax and that will be reimbursable separately as per actual receipts). Providing One vehicles of category INDIGO/SWIFT or equivalent with Driver and POL for requirement of Employer/ client as directed limited to 3000 kms per month & 12 hours/day average duty complete . (No other payment will be admissible except Toll tax and that will be reimbursable separately as per actual receipts). This item is additional to supply of vehicle mentioned in the tender document any where as incidental to the work. 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Providing design support during construction like modifications in design, redesign / clarifications as per site requirement and submission of completion certificate this item will be considered) considered) <t< td=""><td>Immed to 150 Mits per day & 12 mous average duty complete. (No other payment will be reimbursable separately as per actual receipts). Providing One vehicles of category INDIGO/SWIFT or equivalent with Driver and POL for requirement of Employer/ client as directed limited to 3000 kms per month & 12 hours/day average duty complete. (No other payment will be admissible except Toll tax and that will be reimbursable separately as per actual receipts). This item is additional to supply of vehicle mentioned in the tender document any where as incidental to the work. Per Month NS/6 Designing & Drawing Portion Immed to the work. 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(No other payment will be admissible except Toll tax and that will be reimbursable separately as per actual receipts). - Providing One vehicles of category INDIGO/SWIFT or equivalent with Driver and POL for requirement of Employer/ client as directed limited to 3000 kms per month & 12 hours/day average duty complete . (No other payment will be admissible except Toll tax and that will be reimbursable separately as per actual receipts). This item is additional to supply of vehicle mentioned in the tender document any where as incidental to the work. Per Month 40 Designing & Drawing Portion </td><td>admission admission admission admission vity complete. (No other payment will be admissible except Toll tax and that will be reimbursable separately as per actual receipts). Providing One vehicles of category INDIGO/SWIFT or equivalent with Driver and POL for requirement of Employer/ (client as directed limited to 3000 kms per month & 12 hours/day average duty complete . (No other payment will be admissible except Toll tax and Month tat will be reimbursable separately as per actual receipts). This item is additional to supply of vehicle mentioned in the tender document any where as incidental to the work. 40 35000 NS/6 Designing & Drawing Portion 1 1 NS/6 Detailed Design and Drawing Preparation Consultancy work for ROB 1 1 Submission of all Detailed Design, Detailed Working /Construction Drawing etc. to DFCCIL, and approved Clients and Railways for Foundation, Sub-Structure and Approaches for ROB and RUB both. 2 350000 Submission of all Detailed Design, Detailed Working /Construction Drawing etc. to DFCCIL, and approved Clients and Railways for Super Structure and any leftover part for ROB and RUB both. 2 350000 c. Submission and approval of detailed launching scheme / placement of girders for Railways for Super Structure and any leftover part for ROB and RUB both. 2 175000 d. 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(No other payment will be admissible except Toll tax and that will be reimbursable separately as per actual receipts). - Providing One vehicles of category INDIGO/SWIFT or equivalent with Driver and POL for requirement of Employer/ client as directed limited to 3000 kms per month & 12 hours/day average duty complete . (No other payment will be admissible except Toll tax and that will be reimbursable separately as per actual receipts). This item is additional to supply of vehicle mentioned in the tender document any where as incidental to the work. Per Month 40 Designing & Drawing Portion	admission admission admission admission vity complete. (No other payment will be admissible except Toll tax and that will be reimbursable separately as per actual receipts). Providing One vehicles of category INDIGO/SWIFT or equivalent with Driver and POL for requirement of Employer/ (client as directed limited to 3000 kms per month & 12 hours/day average duty complete . 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