Tender No: All-EN-WC-ROB-LC108-20-21

GM/DFCCIL/AJMER acting for and on behalf of The President of India invites E-Tenders against Tender No **AII-EN-WC-ROB-LC108-20-21** Closing Date/Time 05/04/2021 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

Contractors are allowed to make payments against this tender towards tender document cost and earnest money only through only payment modes available on IREPS portal like net banking, debit card, credit card etc. Manual payments through Demand draft, Banker cheque, Deposit receipts, FDR etc. are not allowed.

1. NIT HEADER

Name of Work	Construction of balance works of Two Lane ROB (including approaches) in lieu of Level crossings No.108 at Km.565/0-1 at Banas Yard of Madar-Palanpur Section of Ajmer Division of North Western Railway.						
Bidding type	Normal Tender						
Tender Type	Open	Bidding System	Single Packet System				
Tender Closing Date Time	05/04/2021 15:00	Date Time Of Uploading Tender	20/03/2021 14:39				
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable				
Advertised Value	302128696.45	Tendering Section	WORKS				
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par				
Earnest Money /Bid Security (Rs.)	0.00	Validity of Offer (Days)	45				
Obtain Bid Security Declarat	ion in lieu of Bid Security	Yes					
Tender Doc. Cost (Rs.)	0.00	Period of Completion	6 Months				
Contract Type	Works	Contract Category	Expenditure				
Bidding Start Date	22/03/2021	Are Joint Venture (JV) firms allowed to bid	Yes				
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)				

2. SCHEDULE

S.No.	ltem Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedu	ule A-RUID	P SOR-2013					301463976.45	
	Please se	e Item Breaku	o for details.		881821.00	AT Par	881821.00	
1	Descripti	on:- Carriage	of material by	mechanical tran	sport including loa	ding, unload	ling and stacking	
	Please se	e Item Breaku	o for details.		77430.00	AT Par	77430.00	
2	serviceab	le material with on as per MoF	n all lifts and	up to a lead of	1000 mtrs and ea	rth filling in	of stumps, roots, the depression/pit done at height of	to required
	22	2.85	Sqm	17100.00	48735.00	AT Par	48735.00	
3		•		emoval of Rubbis		mm) by ma	nual means and di	sposal at a
	Please se	e Item Breaku	o for details.		12800.00	AT Par	12800.00	
4	saplings a materials	and trees girth and stacking c	n up to 300 r of serviceable	nm, removal of material to a lea	stumps of trees of	cut earlier a om road bo	ation, grass, bushe and disposal of un undary including re eer	serviceable
	Please se	e Item Breaku	o for details.		217600.00	AT Par	217600.00	
5	Description: - Dismantling of existing structures like culverts, bridges, retaining walls and other struct comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding where necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceat material with all lifts and lead of 50 metres as directed by Engineer							wherever
			leau or 50 me					
	Please se	e Item Breaku			24900.00	AT Par	24900.00	
6			o for details.			AT Par	24900.00	
-	Descripti	e Item Breaku	o for details. ng Brick / Tile				24900.00 24900.00	
6 7	Descripti Please se	e Item Breaku j on:- Dismantlii	o for details. ng Brick / Tile o for details.	work	24900.00			

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Closing Date/Time: 05/04/2021 15:00

	Description:- Dismantling of flexible pavements a stacking serviceable and unserviceable materials set			-
	210 75.00 cum 976	00 73200.00	AT Par	73200.00
9	Description: - Dismantling of cement concrete pave pieces not exceeding 0.02 cum in volume and st materials up to a lead of 1000 metres, stacking MoRT&H specification clause 202.	ock piling at designa	ated location	s and disposal of dismantled
	216 10.00 Each 717	00 7170.00	AT Par	7170.00
10	Description:- Removal of telephone / electric pole and lines under the supervision of concerned depa stacking serviciable material and unserviceable ma	rtment, disposal with	all lifts and	upto lead of 1000 meters and
	Please see Item Breakup for details.	577125.00	AT Par	577125.00
11	Description:- Earth work in excavation for roadway requirement of line, grades and cross sections, ir 1.0km as per MoRT&H specification clause 301.	cluding disposal of	surplus mate	-
	44 3800.00 cum 196	00 744800.00	AT Par	744800.00
12	Description:- Construction of embankment with ap transporting to site, spreading, grading to required requirement of table 300-2 including cost of com MoRT&H specification clause 305. (Lead taken upto	slope and compact pensation for earth 5 km)	ing by vibrat taken from	tory roller 8-10 tonne to meet
	46 3800.00 cum 223	00 847400.00	AT Par	847400.00
13	Description:- Construction of subgrade and earther with all lifts & leads, transporting to site, spread exceeding 200mm thickness at OMC, with vibrator 97% maximum dry density to meet requirement of taken upto 5 km)	ing, grading to requ y roller of 80-100 Ki	uired slope a N static weig	and compacted in layers not ht or more to attain a density
14	Please see Item Breakup for details.	49450.00	AT Par	49450.00
14	Description:- Compacting original ground			
	Please see Item Breakup for details.	7796075.00	AT Par	7796075.00
15	Description:- Earth work in excavation in foundat bottoms, including getting out the excavated mater		-	
10	excavated material at a lead upto 50m suitable site ground / Road top level In all types soils/ saturated kankar, etc.	as per direction of E	ngineer for f	ollowing depths, below natural
	excavated material at a lead upto 50m suitable site ground / Road top level In all types soils/ saturated	as per direction of E	ngineer for f m, sand, sar	ollowing depths, below natural
16	excavated material at a lead upto 50m suitable site ground / Road top level In all types soils/ saturated kankar, etc.	as per direction of E soil such as mooru	ngineer for f m, sand, sar	ollowing depths, below natural ndy silt, clay, black cotton soil,
16	excavated material at a lead upto 50m suitable site ground / Road top level In all types soils/ saturated kankar, etc. Please see Item Breakup for details.	as per direction of E soil such as mooru	ngineer for f m, sand, sar AT Par	ollowing depths, below natural ndy silt, clay, black cotton soil,
	excavated material at a lead upto 50m suitable site ground / Road top level In all types soils/ saturated kankar, etc. Please see Item Breakup for details. Description:- In ordinary rock	as per direction of E soil such as mooru 4460750.00 1527825.00	AT Par	ollowing depths, below natural ndy silt, clay, black cotton soil, 4460750.00
16 17	excavated material at a lead upto 50m suitable site ground / Road top level In all types soils/ saturated kankar, etc. Please see Item Breakup for details. Description:- In ordinary rock Please see Item Breakup for details.	as per direction of E soil such as mooru 4460750.00 1527825.00	AT Par AT Par AT Par	ollowing depths, below natural ndy silt, clay, black cotton soil, 4460750.00
16	excavated material at a lead upto 50m suitable site ground / Road top level In all types soils/ saturated kankar, etc. Please see Item Breakup for details. Description:- In ordinary rock Please see Item Breakup for details. Description:- In hard rock (required blasting) include	as per direction of E soil such as mooru 4460750.00 1527825.00 ding Blasting materia	AT Par AT Par AT Par	ollowing depths, below natural ndy silt, clay, black cotton soil, 4460750.00 1527825.00
16 17 18	excavated material at a lead upto 50m suitable site ground / Road top level In all types soils/ saturated kankar, etc. Please see Item Breakup for details. Description:- In ordinary rock Please see Item Breakup for details. Description:- In hard rock (required blasting) inclue Please see Item Breakup for details.	as per direction of E soil such as mooru 4460750.00 1527825.00 ding Blasting materia	AT Par AT Par AT Par AT Par Is AT Par	ollowing depths, below natural ndy silt, clay, black cotton soil, 4460750.00 1527825.00
16 17	excavated material at a lead upto 50m suitable site ground / Road top level In all types soils/ saturated kankar, etc. Please see Item Breakup for details. Description:- In ordinary rock Please see Item Breakup for details. Description:- In hard rock (required blasting) inclue Please see Item Breakup for details. Description:- In hard rock (Blasting prohibited)	as per direction of E l soil such as mooru 4460750.00 1527825.00 ding Blasting materia 565200.00	AT Par AT Par AT Par AT Par Is AT Par	ollowing depths, below natural ndy silt, clay, black cotton soil, 4460750.00 1527825.00 565200.00
16 17 18	excavated material at a lead upto 50m suitable site ground / Road top level In all types soils/ saturated kankar, etc. Please see Item Breakup for details. Description:- In ordinary rock Please see Item Breakup for details. Description:- In hard rock (required blasting) inclue Please see Item Breakup for details. Description:- In hard rock (Blasting prohibited) Please see Item Breakup for details.	as per direction of E l soil such as mooru 4460750.00 1527825.00 ding Blasting materia 565200.00	AT Par AT Par AT Par Is AT Par AT Par	ollowing depths, below natural ndy silt, clay, black cotton soil, 4460750.00 1527825.00 565200.00
16 17 18 19	excavated material at a lead upto 50m suitable site ground / Road top level In all types soils/ saturated kankar, etc. Please see Item Breakup for details. Description:- In ordinary rock Please see Item Breakup for details. Description:- In hard rock (required blasting) inclue Please see Item Breakup for details. Description:- In hard rock (Blasting prohibited) Please see Item Breakup for details. Description:- SITE OFFICE	as per direction of E soil such as mooru 4460750.00 1527825.00 ding Blasting materia 565200.00 144000.00 5400000.00 compacting of granu , carriage of mixed I compacting with vib	AT Par AT Par AT Par AT Par AT Par AT Par AT Par AT Par Ilar sub-bas Material to w ratory powe	ollowing depths, below natural ndy silt, clay, black cotton soil, 4460750.00 1527825.00 565200.00 144000.00 5400000.00 e by providing close graded vork site, spreading in uniform r roller to achieve the desired
16 17 18	excavated material at a lead upto 50m suitable site ground / Road top level In all types soils/ saturated kankar, etc. Please see Item Breakup for details. Description:- In ordinary rock Please see Item Breakup for details. Description:- In hard rock (required blasting) inclue Please see Item Breakup for details. Description:- In hard rock (Blasting prohibited) Please see Item Breakup for details. Description:- In hard rock (Blasting prohibited) Please see Item Breakup for details. Description:- SITE OFFICE Please see Item Breakup for details. Description:- Providing, laying, spreading and of Material, mixing in a mechanical mix plant at OMC layers with motor grader on prepared surface and density, complete as per MoRT&H specification of	as per direction of E soil such as mooru 4460750.00 1527825.00 ding Blasting materia 565200.00 144000.00 5400000.00 compacting of granu , carriage of mixed I compacting with vib	AT Par AT Par AT Par AT Par Is AT Par AT Par Jar Sub-bas Material to w iratory powe g all materia	ollowing depths, below natural ndy silt, clay, black cotton soil, 4460750.00 1527825.00 565200.00 144000.00 5400000.00 e by providing close graded vork site, spreading in uniform r roller to achieve the desired
16 17 18 19	excavated material at a lead upto 50m suitable site ground / Road top level In all types soils/ saturated kankar, etc. Please see Item Breakup for details. Description:- In ordinary rock Please see Item Breakup for details. Description:- In hard rock (required blasting) inclue Please see Item Breakup for details. Description:- In hard rock (Blasting prohibited) Please see Item Breakup for details. Description:- In hard rock (Blasting prohibited) Please see Item Breakup for details. Description:- SITE OFFICE Please see Item Breakup for details. Description:- Providing, laying, spreading and of Material, mixing in a mechanical mix plant at OMC layers with motor grader on prepared surface and density, complete as per MoRT&H specification of guarding and maintenance of diversion. Please see Item Breakup for details. Description:- Providing laying, spreading and com to Water Bound Macadam specification including s roller 8-10 tonnes, in stages to proper grade and (Table 400-8) binding materials to fill up the inters compacting to required density, making necessary specification including all material, labour, machine	as per direction of E soil such as mooru 4460750.00 ing Blasting materia 565200.00 144000.00 5400000.00 5400000.00 compacting of granu , carriage of mixed I compacting with vib ause - 401 including 2072000.00 pacting stone aggre oreading in uniform t I camber, applying a tices of coarse aggre earthen bund to pro y, lighting, guarding	AT Par AT Par Jar sub-bas Material to w ratory powe g all materia AT Par gates of spe hickness; ha and broomin egates, wate tect edges a and mainten	ollowing depths, below natural ndy silt, clay, black cotton soil, 4460750.00 1527825.00 565200.00 144000.00 e by providing close graded vork site, spreading in uniform r roller to achieve the desired II, labour, machinery, lighting, 2072000.00 cific sizes as per Table 400-7 ind packing, rolling with power rg requisite type of screening with water browser) and as per clause 404 of MoRT&H ance of diversion complete
16 17 18 19 20	excavated material at a lead upto 50m suitable site ground / Road top level In all types soils/ saturated kankar, etc. Please see Item Breakup for details. Description:- In ordinary rock Please see Item Breakup for details. Description:- In hard rock (required blasting) inclue Please see Item Breakup for details. Description:- In hard rock (Blasting prohibited) Please see Item Breakup for details. Description:- In hard rock (Blasting prohibited) Please see Item Breakup for details. Description:- SITE OFFICE Please see Item Breakup for details. Description:- Providing, laying, spreading and of Material, mixing in a mechanical mix plant at OMC layers with motor grader on prepared surface and density, complete as per MoRT&H specification of guarding and maintenance of diversion. Please see Item Breakup for details. Description:- Providing laying, spreading and corr to Water Bound Macadam specification including s roller 8-10 tonnes, in stages to proper grade and (Table 400-8) binding materials to fill up the inters compacting to required density, making necessary	as per direction of E soil such as mooru 4460750.00 ing Blasting materia 565200.00 144000.00 5400000.00 5400000.00 compacting of mixed I compacting with vib ause - 401 including 2072000.00 pacting stone aggre oreading in uniform t I camber, applying a tices of coarse aggre earthen bund to pro y, lighting, guarding a	AT Par AT Par Jar sub-bas Material to w ratory powe g all materia AT Par gates of spe hickness; ha and broomin egates, wate tect edges a and mainten	ollowing depths, below natural ndy silt, clay, black cotton soil, 4460750.00 1527825.00 565200.00 144000.00 6 by providing close graded vork site, spreading in uniform r roller to achieve the desired II, labour, machinery, lighting, 2072000.00 cific sizes as per Table 400-7 ind packing, rolling with power ig requisite type of screening ring (with water browser) and as per clause 404 of MoRT&H

22	base course (Table 400-	e comprising (II) in layers c	of graded sto of equal com	one aggregate pacted thickne	er finisher only) a and granular mate ss each consolida	erial conformi ted, including	ing to MORT&H s g pre-mixing the r	pecifications naterial with
	in base cou	rse on a well	prepared su	b-base/ base c	e of mixed materia	cting with por	wer vibratory-rolle	r to achieve
		density comp Irding and ma			cation clause - 40	6 including a	II material, labour	, machinery
	81	10000.00	Sqm	27.00	270000.00) AT Par	270000.00)
	-	-			ver prepared surfa with the help of sp	-		
23	after cleanir small picks, receive bitu	ng the surface sweeping wit minous treatn	e including re h brooms or nent complet	emoving of bind soft brushes a	ling material and nd finally dusting v e 502 of MoRT&H	other foreign vith old gunn	matter with wire I y bags and comp	brushes and ressed air to
	82	5000.00	Sqm	4.50) AT Par	22500.00)
24	Descriptior	1:- Extra for a	dditional bitu	men emulsion u	ised in above item	for every 1kg	g per 10 sqm	
	83	10000.00	Sqm	9.50	95000.00) AT Par	95000.00)
25	approved q surface with bituminous	uality @ 0.2kg n brooms or treatment co	g/ sqm with t soft brushes omplete as p	the help of spr and finally du	e prepared surface ay set fitted on bi isting with old gu 2 of MoRT&H s ersion.	tumen contai nny bags an	ner (boiler) after id compressed ai	cleaning the r to receive
	84	1500.00	Sqm	4.50	6750.00) AT Par	6750.00)
26	-	n:- Extra for m Rate 4.5x0.		bitumen emulsi	on used in abo	ve item for	every 1kg per 1	0 sqm [fo
	Please see	ltem Breakup	for details.		5953550.00) AT Par	5953550.00)
	-	-		50-75 mm co	mpacted thick de	sign mix (ap	proved by Engir	
27	with bitume including lo computerise with electron and vibrato (approximat	n binder set ading of mat ed hot mix pla nic sensor co ry rollers or rely 2.3 tonne	(including co erial with F. nt, transporti ntrol as per c 150 to 250 k /cum) comp	est of anti-stripp E. loader, hea ng the mixed m clause 504.3.5 KN pneumatic plete as per cla	ified graded crush bing compound w ting and mixing aterial by tippers to the required lev tyred roller with T use 507 of MoRT	herever requ of stone agg o paver and l rel and grade P=0.7Mpa to &H specifica	ired) for base/ bi gregate, filler and laying with paver f e, compacting by p o achieve the des tion but excluding	nder course bitumen ir inisher fitteo ower rollers sired densit
27	with bitume including lo computerise with electron and vibrato (approximat coat, includi	n binder set ading of mat ad hot mix pla nic sensor con ry rollers or rely 2.3 tonne ng all materia	(including co erial with F. nt, transporti ntrol as per co 150 to 250 k /cum) comp I, labour, ma	est of anti-stripp E. loader, hea ng the mixed m clause 504.3.5 KN pneumatic plete as per cla	ified graded crush bing compound w ting and mixing aterial by tippers to the required lev tyred roller with T use 507 of MoRT , guarding and ma	herever requ of stone agg o paver and l rel and grade P=0.7Mpa to &H specifica aintenance of	ired) for base/ bi gregate, filler and laying with paver f e, compacting by p o achieve the des tion but excluding diversion.	nder course bitumen ir inisher fittec oower rollers sired density primer/tack
27	with bitume including lo computerise with electron and vibrato (approximat coat, includi Please see Description (approved l bitumen (inc the mixed n clause 504- 250 KN pne MoRT&H sp	n binder set ading of mat ad hot mix pla nic sensor con ry rollers or rely 2.3 tonne ng all materia ltem Breakup n:- Providing by Engineer) wearing cours cluding cost of naterial by tip 3.5) to the re eumatic tyred	(including co erial with F. nt, transportin ntrol as per of 150 to 250 k /cum) comp I, labour, main for details. and laying C on prepared se including I f anti-strippin pers to pave quired level roller with T cluding all m	est of anti-stripp E. loader, heat ng the mixed mo clause 504.3.5 (N pneumatic olete as per cla chinery, lighting 30-45 mm con surface with s oading of aggre g compound w r and laying wi and grade and P=0.7Mpa, to	ified graded crush bing compound w ting and mixing aterial by tippers to the required lev tyred roller with T use 507 of MoRT	herever requ of stone agg o paver and l P=0.7Mpa to &H specifical antenance of AT Par Bituminous one aggregate der and hot r in computeris tted with elec ower rollers a ed density co	ired) for base/ bi pregate, filler and laying with paver f o, compacting by p o achieve the des tion but excluding diversion. 4612400.00 Concrete as per e as per Table - mixing of stone ag sed hot mix plant, ctronic sensing de and vibratory rolle omplete as per cl	nder course bitumen ir inisher fitted oower rollers sired density primer/tack design mix 500-18 with gregate and transporting vice (as per rs or 150 to ause 509 of
	with bitume including lo computerise with electron and vibrato (approximat coat, includi Please see Description (approved l bitumen (inc the mixed n clause 504- 250 KN pne MoRT&H sp	n binder set ading of mat ad hot mix pla nic sensor con ry rollers or rely 2.3 tonne ng all materia ltem Breakup n:- Providing by Engineer) wearing cours cluding cost of naterial by tip 3.5) to the re eumatic tyred pecification in	(including co erial with F. nt, transportin ntrol as per of 150 to 250 k /cum) comp I, labour, main for details. and laying C on prepared se including I f anti-strippin pers to pave quired level roller with T cluding all m	est of anti-stripp E. loader, heat ng the mixed mo clause 504.3.5 (N pneumatic olete as per cla chinery, lighting 30-45 mm con surface with s oading of aggre g compound w r and laying wi and grade and P=0.7Mpa, to	ified graded crush bing compound w ting and mixing aterial by tippers to the required lev tyred roller with T use 507 of MoRT , guarding and ma 4612400.00 pacted thickness pecified grade sto egate with F.E. loa herever required) th paver finisher f compacting by p achieve the desir machinery, lightir	herever requ of stone agg o paver and l rel and grade P=0.7Mpa to &H specificat aintenance of AT Par Bituminous one aggregate der and hot r in computeris tted with elec ower rollers a ed density co	ired) for base/ bi pregate, filler and laying with paver f o, compacting by p o achieve the des tion but excluding diversion. 4612400.00 Concrete as per e as per Table - mixing of stone ag sed hot mix plant, ctronic sensing de and vibratory rolle omplete as per cl	nder course bitumen in inisher fitted power rollers sired density primer/tack design mix 500-18 with gregate and transporting evice (as per rs or 150 to ause 509 of of diversion
	with bitume including lo computerise with electron and vibrato (approximat coat, includi Please see Description (approved l bitumen (inc the mixed n clause 504- 250 KN pne MoRT&H sp but excludin 816 Description meeting the 14-17% (by 500-31 and cleaning the of 13.2 mm both direction protruding	n binder set ading of mat ading of mat ading of mat and hot mix pla nic sensor cour ry rollers or rely 2.3 tonne ng all materia litem Breakup n:- Providing by Engineer) wearing cours cluding cost or naterial by tip 3.5) to the re equiner (tack 900.00 n:- Providing a requirements weight) as po lime stone po a surface, inclu- nominal size ons, pressed 1 mm to 4 m	(including co erial with F. nt, transportii ntrol as per of 150 to 250 k /cum) comp I, labour, may for details. and laying 3 on prepared se including I f anti-strippin pers to pave quired level roller with T cluding all m coat. Sqm and laying 25 s given in tak er job mix for owder as filler uding providi @ 0.005cur into surface m over mas	est of anti-stripp E. loader, heat ing the mixed model of the model of t	ified graded crush bing compound w ting and mixing aterial by tippers to the required level tyred roller with T use 507 of MoRT , guarding and ma 4612400.00 pacted thickness pecified grade sto egate with F.E. loa herever required) th paver finisher f compacting by p achieve the desir machinery, lightir 489600.00 hen mastic asphal uding cost of anti- aggregate as per using mastic cooke ace with bitumen and at an approxi- perature of surfac- complete includir	herever requipt of stone agg o paver and livel and grade P=0.7Mpa to %H specification intenance of AT Par Bituminous one aggregate der and hot rin computeris tted with elector over rollers a ed density co g, guarding a AT Par wearing cou stripping com Table 500-32 er and laid to precoated fin- mate spacing ces not less g all materia	ired) for base/ bi gregate, filler and laying with paver f o achieve the des tion but excluding diversion. 4612400.00 Concrete as per e as per Table - mixing of stone ag sed hot mix plant, ctronic sensing de and vibratory rolle omplete as per cl and maintenance 489600.00 rse with paving gr ppound wherever e, fine aggregate a required level and g of 10 cm center than 100 degree I, labour, machin	nder course bitumen ir inisher fitted power rollers sired density primer/tack design mix 500-18 with gregate and transporting evice (as pel rs or 150 to ause 509 o of diversior ade bitumer required) @ as per Table d grade after pone chipping to center ir Centigrade
28	with bitume including lo computerise with electron and vibrato (approximatic coat, includie Please see Description (approved libitumen for bitumen for bitumen for bitumen for bitumen (include the mixed n clause 504- 250 KN pne MoRT&H sp but excludin 816 Description meeting the 14-17% (by 500-31 and cleaning the of 13.2 mm both director protruding an	n binder set ading of mat ading of mat ading of mat anic sensor con ry rollers or rely 2.3 tonne ng all materia Item Breakup n:- Providing by Engineer) wearing cours cluding cost of naterial by tip 3.5) to the re eumatic tyred becification in g primer/tack 900.00 1:- Providing a requirements weight) as po lime stone po a surface, inclu nominal size ons, pressed 1 mm to 4 m d maintenance	(including co errial with F. nt, transporti ntrol as per of 150 to 250 H / cum) comp I, labour, may for details. and laying 3 on prepared se including I f anti-strippin pers to pave quired level roller with T cluding all m coat. Sqm and laying 25 s given in tak er job mix for wder as filler uding providi @ 0.005cur into surface m over mas er of diversion	est of anti-stripp E. loader, hea ng the mixed m clause 504.3.5 KN pneumatic oblete as per cla chinery, lighting 30-45 mm con surface with s oading of aggre g compound w r and laying wi and grade and P=0.7Mpa, to aterial, labour, 544.00 mm thick bitum ole 500-29 (incl rmula, coarse a r, prepared by u ng antiskid surf n per 10 sqm a when the tem tic surface, all n complete as p	ified graded crush bing compound w ting and mixing aterial by tippers to the required lev tyred roller with T use 507 of MoRT , guarding and ma 4612400.00 pacted thickness pecified grade sto egate with F.E. loa herever required) th paver finisher f compacting by p achieve the desir machinery, lightir 0 489600.00 hen mastic asphal uding cost of anti- aggregate as per using mastic cooke ace with bitumen and at an approxi- per clause 515 of M	herever requipt of stone agg o paver and livel and grade P=0.7Mpa to &H specification intenance of AT Par Bituminous one aggregation der and hot r in computeris tted with elector ower rollers a ed density co g, guarding a AT Par wearing count stripping com Table 500-32 er and laid to precoated fini- mate spacing ces not less g all materia ART&H spec	ired) for base/ bi gregate, filler and laying with paver f compacting by p o achieve the des tion but excluding diversion. 4612400.00 Concrete as per e as per Table - mixing of stone ag sed hot mix plant, ctronic sensing de and vibratory rolle omplete as per cl and maintenance 489600.00 rse with paving gr npound wherever c, fine aggregate a required level and g of 10 cm center than 100 degree il, labour, machin- cification.	nder course bitumen ir inisher fitted power rollers sired density primer/tack design mix 500-18 with gregate and transporting vice (as per rs or 150 to ause 509 o of diversior ade bitumer required) @ as per Table d grade after one chipping to center ir Centigrade ery, lighting
28	with bitume including lo computerise with electron and vibrato (approximatic coat, includii Please see Description (approved l bitumen for bitumen for bitumen (includie) the mixed in clause 504- 250 KN pre MoRT&H sp but excludin 816 Description meeting the 14-17% (by 500-31 and cleaning the of 13.2 mm both direction protruding an 101 Description stone top a foundation a labour, mac	n binder set ading of mat ading of mat ading of mat and sensor cou- ry rollers or ry rollers or ry rollers or rely 2.3 tonne ng all materia litem Breakup n:- Providing by Engineer) wearing cours cluding cost of naterial by tip 3.5) to the re eumatic tyred becification in g primer/tack 900.00 n:- Providing a requirements weight) as po- lime stone po- e surface, inclu- nominal size ons, pressed 1 mm to 4 m d maintenance 2000.00 n:- Providing a nd bottom w as per design,	(including co erial with F. nt, transporti ntrol as per of 150 to 250 H / cum) comp I, labour, may for details. and laying 3 on prepared se including I f anti-strippin pers to pave quired level roller with T cluding all m coat. Sqm and laying 25 s given in tak er job mix for owder as filler uding providi @ 0.005cur into surface m over mas se of diversion Metre and fixing pre- dith 115 and , including fix g, guarding a	est of anti-stripp E. loader, hea ng the mixed m clause 504.3.5 (N pneumatic olete as per cla chinery, lighting 30-45 mm con surface with s oading of aggre g compound w r and laying wi and grade and P=0.7Mpa, to aterial, labour, 544.00 mm thick bitum ole 500-29 (incl rmula, coarse a r, prepared by u ng antiskid surf n per 10 sqm a when the tem tic surface, all n complete as p 244.00 ecast cement co 1 165 mm resp	ified graded crush bing compound w ting and mixing aterial by tippers if to the required level tyred roller with T use 507 of MoRT , guarding and ma 4612400.00 mpacted thickness pecified grade sto egate with F.E. loa herever required) th paver finisher f compacting by p achieve the desir machinery, lightir 489600.00 hen mastic asphali uding cost of anti- aggregate as per using mastic cooke ace with bitumen and at an approxi perature of surfac complete includir per clause 515 of M 0 488000.00 poncrete M-20 grad pectively, 250 mm er clause 408 of M	herever requipt of stone agg o paver and livel and grade P=0.7Mpa to '&H specificat aintenance of D AT Par Bituminous one aggregatider and hot r in computeris tided with elec ower rollers a ed density co g, guarding a D AT Par wearing cou stripping com Table 500-32 er and laid to orecoated fin- mate spacing ces not less g all materia AT Par le (Using med high on 150 foRT&H Spec	ired) for base/ bi gregate, filler and laying with paver f a, compacting by p b achieve the des tion but excluding diversion. 4612400.00 Concrete as per e as per Table - mixing of stone ag sed hot mix plant, ctronic sensing de and vibratory rolle omplete as per cl and maintenance 489600.00 rse with paving gr npound wherever e, fine aggregate a required level and e grained hard sto g of 10 cm center than 100 degree I, labour, machin- cification. 488000.00 chanical Concrete 0 mm thick PCC	nder course bitumen in inisher fitted power rollers sired density primer/tack design mit 500-18 with gregate and transporting vice (as pe rs or 150 to ause 509 o of diversion ade bitumen required) @ as per Table d grade afte one chipping to center in Centigrade ery, lighting Mixer) kerk M-10 grade

31	after thore		and necessary				approved brand and shade 03 of MoRT&H Specificatio
	108	450.00	Sqm	803.00	361350.00	AT Par	361350.00
32	Description mm thick applicator demarcati	on:- Providing on road/ plair machine, as on at site and t	and laying main surface, incliper IRC:35 in raffic control in	rking of center uding reflectori cluding cleanir volved. The fin	line and stop line ising glass beads ng the surface of ished surface to b	etc with hot @ 250gms all dirt, dus e level, unifor	thermoplastic compound 2. per sqm area with specia t and other foreign matte m and free from streaks an inery, lighting, guarding an
		ice of diversion e Item Breakup			320700.00	AT Par	320700.00
33	:67 made thick supp ground by	of encapsulate orted on a mild means of prop	d lens type ref d steel angle ir perly designed	lective sheeting on post 3 metr foundation wit	g vide clause 801. e long and size 7	3, fixed over 5 mm x 75 m ent concrete	informatory sign as per IR aluminium sheeting, 1.5 m m x 6 mm firmly fixed to th 45 cm x 45 cm x 60 cm, 6
		e Item Breakup			1153300.00	AT Par	1153300.00
34	reflectoris clearance	ed with high i given in clause	ntensity retro- e 802.2 and 80	reflective shee 02.3 and install	eting of encapsul ed as per clause	ated lens typ 802.7 over a	 thick aluminium alloy sheet with vertical and laterated designed support system of requirements and approve
	1017	100.00	Metre	2210.00	221000.00	AT Par	221000.00
35	channels		00 mm x 50 n	nm, 1.2 metres			nted on medium weight stee e to centre, complete as pe
36	-	-	-	-	-		140400.00 x22mm having 21 biconve including allmaterial, labou
	1022	60.00	Each	1480.00	88800.00	AT Par	88800.00
37	welded in thick plate another at blue with o	conical section and fixed with tachment of a	having upper the help of 7cr cap 30x7cm, v / keep left arro	dia 15cm and I n long, 30cm d vhole body is p w with 10mm k	ower dia 20cm wi ia chrome plated I painted in black sto	th another att MS tube, this ove enamel a	of 1.25mm thick M.S. sheat achment of mandatory 7mm part is fixed on the body with nd mandatory plate in azur 5cm on body complete in a
	1023	26.00	Each	495.00	12870.00	AT Par	12870.00
38	on channe 5cm dia re	el posts 75x75x	6 mm and hol on white reflec	d fast at botton tive backgroun	n whole body is pa	ainted in white	e iron 25x25x3mm and fixe e stoving enamel and 6 no icm all around it complete i
	121	2000.00	Sqm	262.00	524000.00	AT Par	524000.00
39	aggregate vertical fa back filling trimming a per clause	upto 75mm de ces, cleaning o the pot holes and finishing the	epth and remo f surface, pain with hot bitumi e surface to fo 04.2 of MoRT	val of all failed ting of tack co nous material a rm a smooth c	material, trimming at on the sides ar as per clause 506, ontinuous surface	g of complete nd base of ex compacting v complete usi	ayers with 53-22.4mm size of ed excavation to provide firm acavation as per clause 500 with 8-10 tonne power rolle ng Bitumen VG-grade 30 a machinery, lighting, guardin
	122	1500.00	Sqm	120.00	180000.00		180000.00
	with bitum material v	en binder VG- vith tipper and f all failed mate	grade 30 @ 1 laying manua erial, trimming	4.60 kg/10 square Ily to the requisition of completed e	m and aggregate ired level and gra xcavation to provi	in Hot mix p ade, rolling w de firm vertica se 503, back	cing 20mm thick compacte lant, transporting the mixe rith power roller, 8-10tonne al faces, cleaning of surface filling the pot holes with he
40	painting o bituminous continuous	s material as	per clause 5 ⁻ plete as per	11, compacting clause 3004.2	g, trimming and of MoRT&H sp		surface to form a smoot cluding all material, labou

41	-	-					specified grade in of form work, as p	
	and techni		ons and as per			-	&H specification in	-
	Please see	ltem Breakup	for details.		2295000.00	AT Par	2295000.00	
42	foundation cost of for	/ leveling cours m work, compl	se/pile cap usin ete as per drav	g batching pla ving and tech	ant, transit mixer a	and concrete s as per clau	concrete of specifie pump and vibrate use 1100, 1500,17 diversion	er including
	1324	45.00	Tonne	64600.00	2907000.00	AT Par	2907000.00	
43	Descriptio	-		bar reinforce			on/ pile/ pile cap c	omplete as
	Please see	Item Breakup	for details.		1040000.00	AT Par	1040000.00	
				tural plain/ re			ign mix) of specifie	ed grade in
44	substructu technical s	re at all levels pecifications c	s using concrete omplete as per o	e mixer and clause 1500,	vibrater, including	cost of form	m work, as per di ations complete as	rawing and
			-		-		-	
		Item Breakup			2603200.00	AT Par	2603200.00	
45	substructu work, as p	re at all levels per drawing ar	using batching nd technical spe	plant transit ecifications co	mixer, concrete	oump and vi awing and o	ign mix) of specifie brater, including c clause 1500,1700a	ost of form
		Item Breakup	-	iai, iaboui, so	46800.00	AT Par	46800.00	
		1		brick/ stopo			oncrete abutment,	wing wall/
46	-	-	-		-		cture with slope o	-
		-		-	•		205 of MoRT&H S	
	including a	ll scaffolding, r	naterial, labour,	machinery et	c.			
	149	11700.00	cucm	0.75	8775.00	AT Par	8775.00	
	Descriptio	on:- Supplying	fitting and fixing	ng in position	true to line and	level Elasto	meric Bearing cor	nforming to
47							luding all accesso	
	-		our, machinery e		use 2000 & 2200		AH Specification in	icluding all
	1410	5000.00	MT	308.00	1540000.00	AT Par	1540000.00	
							bearing consisting	of a metal
48	piston sup PTFE surf	ported by a di ace sliding ag	sc or unreinford ainst stainless	ed elastomer steel mating	confined within a surface, complete	metal cylind assembly t	der, sealing rings, to be of cast stee	dust seals, I/fabricated
	conforming and appro	to BS: 5400, ved technical	section 9.1 & 9 specifications a	.2 and clause and as per cl	e 2006 of MoRT&	H Specificati	respectively and ons complete as p &H Specification in	er drawing
	+		our, machinery e					
	1411	20600.00	cum	1150.00	23690000.00	AT Par	23690000.00	
49	requirementsize toward	nts laid down in ds the wall and	n clause 2504.2. d provided over	2. of MoRT&I the entire su	H specifications wir rface behind abut	th smaller siz ment, wing v	hed aggregates sa ze towards the soil wall and return wa	and bigger Il to the full
							fication including a	all material,
				of IRC:78 and	l clause 2200 of M	AT Par		
		Item Breakup			518320.00		518320.00	
50	in layers n	ot exceeding 2	Ocm in depth, c	onsolidating e	each deposited lay	er compacte	n wall etc and belo ed by mechanical i our, machinery as	means with
	2100 and 2	2200 of MoRT	KH specification	including all n	naterial, labour, m	achinery.		
	1414	1960.00	Sqm	975.00	1911000.00	AT Par	1911000.00	
51	shape and filling of jo	size (not less	than 0.20 sqm),	over 100mm	thick PCC M-10 C	Grade beddir	ick paving blocks c ng (duly compacted ification and as ap	d) including
	Engineer. 1416	298200.00	Ka	136.00	40555200.00	AT Par	40555200.00	
	1410	230200.00	Kg	130.00	40000200.00	ATFat	40000200.00	

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52	site, Assembling, Launching, Erecting of steel gird Railway and department for composite construction with contractor's own mild steel confirming to IS: materials, weld materials, HSFG bolts, service bolts, necessary in proper level and alignment and as pe fabrication, machinery, templates, fixtures, equipmed labour, excise duty., Octroi, sales tax and other taxes or more Railway track if required etc. complete and a of cold straightening of deformed and bent girder should be manufactured by SAIL/ RINL/ TISCO/ ES brand/ make of the paint should be taken from eng and dismantling of staging and scaffolding and o assembly, erection and launching of girders. The rati- bent girder parts before/after their assembly Metalis channels, bracing etc of BG new steel girder as dir layers after preparing surface by sand/grit blasting at alteration) including one coat wash primer one coat approved paint conforming to IS specification for fa corrected up to date with contractor's own materials lead, lifts descents, crossing of track/ obstruction	by HSFG bolts wherever required, supply, transportation to er spans as per drawings and specifications approved by i.e. (Steel +RCC) of superstructure of the Road Over Bridge 2062 Grade 250(B) with all welds, rivets, nuts bolts rivet with other ancillary steel structures fixed to the girder where rtechnical specifications etc. with contractor's own materials, nts tools and plants, transportation to site, skilled/ unskilled s, all leads and lifts, descent, loading, unloading, crossing one is per technical specifications. The rate shall also be inclusive parts before their assembly. The structural steel to be used SSAR/ JINDAL only. For Painting prior approval for superior neer in chargeThe rate shall be inclusive of supply, erection ther temporary arrangements required for the purpose of e shall also be inclusive of cold straightening of deformed and ing girder/ girder component such as cross girder, top chord ected by engineer with epoxy paint spray not less than two is per provision laid in Appendix VI of IRS B-1179 code (latest is epoxy zinc crome primer and two coat of epoxy paint with abrication & erection of steel girder bridge (RS B 1-79) as tools, plants, labour, handling, rehandling if any including all etc. complete in all respect and as per direction of the e got done from RDSO approved firms only. 2. For Payment will only be considered.
	Please see Item Breakup for details.	11217500.00 AT Par 11217500.00
53	Description:- Providing and laying structural reinfo grade using batching plant, transit mixer, concrete p	rced/ prestressed cement concrete (design mix) of specified ump and vibrater in superstructure at all levels including cost 0 and 1700 of MoRT&H specification including all scaffolding,
·	Please see Item Breakup for details.	2544000.00 AT Par 2544000.00
54		and placing in position at all level precast pre/post-tensioned d clause 1800 & 2300 of MoRT&H specifications including all ttc.
	Please see Item Breakup for details.	599500.00 AT Par 599500.00
55	mechanical concrete mixer and vibrater in approac	rced cement concrete (design mix) of specified grade using h slab, friction slab, edge beam, footpath and kerb as per by the Engineer as per clause 1500 &1700 of MoRT&H , machinery etc.
	Please see Item Breakup for details.	13539050.00 AT Par 13539050.00
56	batching plant, transit mixer, concrete pump and vib	rced cement concrete (design mix) of specified grade using ater in approach slab, friction slab, edge beam, footpath and s directed by the Engineer as per clause 1500 &1700 of ial, labour, machinery etc
l	1423 11200.00 Sqm 4620.0	0 51744000.00 AT Par 51744000.00
57	Grade concrete batching plant, transit mixer, concre accessories including reinforcing element, complet specifications including all material, labour, machine	recast RCC facia panels of thickness 180mm made with M-35 the pump and vibrater for retaining earth with all elements and e as per approved drawing and clause 3100 of MoRT&H rry etc. (Scope of work includes designing, getting approval, ing, transporting, lifting, placing in position, erection with all
	1424 125000.00 cum 383.0	0 47875000.00 AT Par 47875000.00
58	Description:- Providing, placing and compacting to approved methodology including testing for reinfo between the Reinforced Soil (RS) wall panels as specification The soil should be predominately coa	desired density approved backfill material in layers as per reed fill portion and random fill portion in the approaches pre approved drawings as per clause 3103 of MoRT&H rse grained not more than 10% of particle should pass 75 for the finished volume of backfill and sub-grade placed in
	1425 750.00 Tonne 65700.0	0 49275000.00 AT Par 49275000.00
59		ar reinforcement in sub structure/ superstructure at all level 00 of MoRT&H Specification including all material, labour,
	1427 130.00 cum 9720.0	0 1263600.00 AT Par 1263600.00
	1	

60

	formwork	-	nt @ 75kg/cum	complete as p	er drawing and t	echnical spec	ade at any level in ification and as per	-
	Please se	e Item Breakup fo	or details.		781000.00	AT Par	781000.00	
61	Descript approved locations	ion:- Providing a finish, construct	and laying Pred ed with specific Engineer includi	ed grade concr ng form work a	ete as per dime and excluding rei	nsions in the nforcement a	ootpath and media approved drawing nd complete as per	and at
	1429	60.00	Metre	1590.00	95400.00	AT Par	95400.00	
							and grade, center to	center
62	spacing b complete	etween vertical p	ost not to excee and technical s	ed 2000mm leav specification an	ving adequate sp d as per clause	ace between	vertical post for exp 1700 & 2703 of M	ansion,
	1430	100.00	Metre	2870.00	287000.00	AT Par	287000.00	
63	-	-	-	-			per drawing and te naterial, labour, ma	
	1432	80.00	Metre	9060.00	724800.00	AT Par	724800.00	
	-	•				•	mum horizontal mo	
64	by manuf including bridge or	acturer's authoriz preparing the edu M-35 whichever i	zed representat ges of bridge, w	tive ensuring to velding to exposing all material, la	compliance to r sed reinforcemen abour, machinery	nanufacturer's t, concreting v v etc complete	pecifications to be in s instruction for inst with design mix of g	allation
	1433	40.00	Each	862.00	34480.00	AT Par	34480.00	
65	with Galv	-	clamp complete	e as per drawi	ing and Technic		dia and GI bolt 10 n as per clause 2	
	Please se	e Item Breakup f	or details.		12738000.00	AT Par	12738000.00	
	Descripti	on:- Providing a	nd constructing	of Reinforced	cement concrete	crash barrier	at the edges of th	e road,
66	and vibra	tor with 450 mn on which it is bui by the Engineer, a	n long at expa It and installed	nsion joints fill as per design a	ed with pre-mou and dimensions in	Ided asphalt the approve	te using mechanica filler board, keyed d drawing and at lo cluding all material,	to the cations
	1438	100.00	Metre	4240.00	424000.00	AT Par	424000.00	
67	sheet me mm spac galvanise vertical p	tal beam rail, 85 ed 2 m centre to d by hot dip proc	cm above road o centre, 2 m h cess, all fittings of channel se	l/ground level, t high with 1.15 r to conform to ction 150 x 75	fixed on ISMC se n below ground IS:1367 and IS:1	eries channel level, all stee 364, metal be	of 3 mm thick corr vertical post, 150 x el parts and fitment eam rail to be fixed elete as per clause	75 x 5 s to be on the
	1439			al, labour machi	nery etc.			810 of
		2365.00	Metre	al, labour machi 1170.00	nery etc. 2767050.00	AT Par	2767050.00	810 of
68	with 200 r anchored	on:- Providing ar mm at bottom & ⁻ with 400 mm lor	nd fixing G.I. Pip 120 mm at top ng 4-12 mm dia	1170.00 bes railing of 80 with 200 mm he a.steel bars at t	2767050.00 mm dia. (Class E eight welded to 1 the top of RCC c	3) over bracke 6 mm thick M rash barrier (2767050.00 ts of 16 mm thick M S Plates of size 200 @ 1.0m c/c includin ction of the Enginee	IS plate) X 175 g fixing
68	with 200 r anchored	on:- Providing ar mm at bottom & ⁻ with 400 mm lor	nd fixing G.I. Pip 120 mm at top ng 4-12 mm dia	1170.00 bes railing of 80 with 200 mm he a.steel bars at t	2767050.00 mm dia. (Class E eight welded to 1 the top of RCC c	3) over bracke 6 mm thick M rash barrier (ts of 16 mm thick M S Plates of size 200 @ 1.0m c/c includin	IS plate) X 175 g fixing
68	with 200 m anchored arrangem 1441 Descripti breathing should be proofing of breathabi The system main pol content, 70	on:- Providing ar mm at bottom & - with 400 mm lor ent as per the dra 20.00 on:- Providing a properties. The s coating. for anti o lity equivalent air em consist of one ymer namely E 0% +-3%)should	nd fixing G.I. Pip 120 mm at top 120 mm at t	1170.00pes railing of 80with 200 mm hea.steel bars at t00 of MoRTH sp355.00astic, elastomerpe based on soliging type, carboging type, carbouivalent air layes denoted as Saamely PREMIXEX or equival(either by roller	2767050.00 mm dia. (Class E eight welded to 1 the top of RCC of pecification and a 7100.00 ric membrane fo vent free acrylic p onation resistant, er thickness deno SDH2O shall be 250 or equivalent lent to give film or brush)and su	B) over bracke 6 mm thick M 6 mm thick M 6 man thick M rash barrier (as per the dire AT Par ming system bolymer with s breathable, e breathable, e bted as R or <= 4mm for v t @ 75-100 g n thickness rface smoothi	ts of 16 mm thick M S Plates of size 200 @ 1.0m c/c includin ction of the Enginee 7100.00 with anti carbonati elected minerals fille environment friendly SDCO2 >= 50mm apour transmitting /sqm. The consum of 200-225 micror	IS plate) X 175 g fixing er. on and ers and r, water and for barrier. otion of ns(solid he total
	with 200 r anchored arrangem 1441 Descripti breathing should be proofing of breathabi The syste main pol content,70 dry film th suitable s with wire	on:- Providing ar mm at bottom & - with 400 mm lor ent as per the dra 20.00 on:- Providing a properties. The s coating. for anti of lity equivalent air em consist of one ymer namely E 20% +-3%)should nickness of the co hades, including of brush & water, la	nd fixing G.I. Pip 120 mm at top 120 mm at t	1170.00pes railing of 80with 200 mm hea.steel bars at t00 of MoRTH s355.00astic, elastomerpe based on solging type, carbouivalent air layes denoted as Samely PREMIXEX or equival(either by rollere min. 200 micros, cleaning, chipfor filling the but	2767050.00 mm dia. (Class E eight welded to 1 the top of RCC of pecification and a 7100.00 ric membrane fo vent free acrylic p onation resistant, er thickness deno SDH2O shall be 250 or equivalent lent to give film or brush)and su rons for the abov oping and removing holes, cracks,	B) over bracke 6 mm thick M 6 mm thick M 6 rash barrier (as per the dire AT Par ming system breathable, e breathable, e breathable, e cted as R or <= 4mm for v tt @ 75-100 g n thickness rface smoothive rface smoothive system. Po ng the dirt par joints etc. wit	ts of 16 mm thick M S Plates of size 200 @ 1.0m c/c includin ction of the Enginee 7100.00 with anti carbonati elected minerals fille environment friendly SDCO2 >= 50mm apour transmitting /sqm. The consump of 200-225 micror	S plate) X 175 g fixing er. on and ers and r, water and for barrier. otion of ns(solid ne total d be in e slabs polymer
	with 200 m anchored arrangem 1441 Descripti breathing should be proofing of breathabi The syste main pol content, 70 dry film th suitable s with wire modified	on:- Providing ar mm at bottom & - with 400 mm lor ent as per the dra 20.00 on:- Providing a properties. The s coating. for anti of lity equivalent air em consist of one ymer namely E 20% +-3%)should nickness of the co hades, including of brush & water, la	nd fixing G.I. Pip 120 mm at top 120 mm at t	1170.00pes railing of 80with 200 mm hea.steel bars at t00 of MoRTH s355.00astic, elastomerpe based on solging type, carbouivalent air layes denoted as Samely PREMIXEX or equival(either by rollere min. 200 micros, cleaning, chipfor filling the but	2767050.00 mm dia. (Class E eight welded to 1 the top of RCC of pecification and a 7100.00 ric membrane fo vent free acrylic p onation resistant, er thickness deno SDH2O shall be 250 or equivalent lent to give film or brush)and su rons for the abov oping and removing holes, cracks,	B) over bracke 6 mm thick M 6 mm thick M 6 rash barrier (as per the dire AT Par ming system breathable, e breathable, e breathable, e cted as R or <= 4mm for v tt @ 75-100 g n thickness rface smoothive rface smoothive system. Po ng the dirt par joints etc. wit	ts of 16 mm thick M S Plates of size 200 2 1.0m c/c includin ction of the Enginee 7100.00 with anti carbonati elected minerals fille environment friendly SDCO2 >= 50mm apour transmitting /sqm. The consump of 200-225 micror ness of concrete. The lymer coating shoul ticles of the concret h one component p	S plate) X 175 g fixing er. on and ers and r, water and for barrier. otion of ns(solid ne total d be in e slabs polymer

70	active site including diversion completio possessed the time Engineer	e of the same primer painted arrangement, n of the projec d by the contra of Providing no & certification.	project site, r initialy, painti safety guard ct as per tech actor after con ew barricadin (2) 50% Afte	made with angle ng, lettering & b , suitable lightn nnical specification npletion of the P g at the time of er completion of	iron frame of 50 order with reflectiving arrangement on and direction of roject. Payment u start of project a f project including	x50x5mm a ve paint at th during night of Engineer- nder this iter at location a shifting re-	m 2.0 mtr height a nd GI sheet of 0.6 ie time of every sh t, complete in all In-charge and san n will be released: ind plan as appro- erecting and main r /flagman etc. cc	Somm thick ifing, traffic respect till ne shall be (1) 50% At ved by the taining the
	guiding tra	affic and safety	etc and dism		pletion of project.		-	
		e Item Breakup		· · · · · · · · · · · · · · · · · · ·	174500.00		174500.00	
71	centrifuga jointing ar	Ily (spun) Duct nd jointing mat	ile iron ISI ma erial) complet	arked K-9 grade	pipes as per IS:83 aterial, labour, hy	329-2000 (ar	and double flange mended upto date) ng and commissior	, (including
	Please se	e Item Breakup	o for details.		978600.00	AT Par	978600.00	
72	HDPE pip complete	es of PE-100	grade & PN-	6 for potable w	ater as per IS 4	984 (amend	at all level/ depths ed upto date) in t cal Specifications a	renches in
	292	16000.00	Kg	74.50	1192000.00	AT Par	1192000.00	
73	-					-	s, trusses and fra steel primer all com	
	Please se	e Item Breakup	o for details.		283200.00	AT Par	283200.00	
74					ramed work inclue structural steel et		hoisting, fixing in p d.	osition and
	Please se	e Item Breakup	o for details.		1221000.00	AT Par	1221000.00	
75	cement sl	urry mixed with	n pigment to r		of tiles including		& courtyard jointed cleaning etc. comp	
	Please se	e Item Breakup	o for details.		660000.00	AT Par	660000.00	
76	-	cluding jointing	-	•	-		ipes conforming to r thermal expansion	
	Please se	e Item Breakup	o for details.		1493030.00	AT Par	1493030.00	
77	Descripti	on:- Finishing	walls wit Acryl	ic Smooth exteri	or paint of require	d shade		
	Please se	e Item Breakup	o for details.		18100.00	AT Par	18100.00	
78	-	-					repared and appl ce, etc. complete.	ied as per
	Please se	e Item Breakup	o for details.		23275.00	AT Par	23275.00	
79	Description even shad	-	vith synthetic e	enamel paint of a	approved brand a	nd manufacti	urer of required co	lour to give
	3268	40000.00	Each	53.00	2120000.00	AT Par	2120000.00	
80	and mixin	g admixture of cified by manu	synthetic fibre	e 6 mm / 12 mm	@ rate of 125 gm	n. pack per 5	Plain or RCC wor 0 kg.of Cement or eads and lifts. (unit	in the ratio
	Please se	e Item Breakup	o for details.		429000.00	AT Par	429000.00	
81	existing na	allah/drains inc	luding constru	uction of bye pas	s arrangement to	bye pass wa	ling material and ater with 1.5m lift fr ailing out of water	om ground
	including		eringwhere re	quired and dew			sposal and dressir	-
	391	50.00	cum	170.00	8500.00	AT Par	8500.00	
82	materials trenches	and then disp area to proper	osal by spre levels by fillir	ading and neatl ng with earth or	y leveling within a earth mixed with	a lead of 50 sludge or/an	Il and stacking of s) meters and mak d farm -yard manu d manuro)	ing up the
		r			d earth and sludge			
83	393	50.00	cum	167.00	8350.00	AT Par	8350.00	

Closing Date/Time: 05/04/2021 15:00

	-		-	-	site of work.Note: cks will be reduced		unloading and car	riage to be
	394	10.00	cum	847.00			8470.00	
84							lable source, appro	oved by the
	-			and stacking.	,			
	Please see	e Item Breakup	o for details.		5200.00	AT Par	5200.00	
85	Descriptio	on:- Grassing	with 'Doobs' g	rass including w	atering and maint	enance of th	e lawn for 30 days	or more till
	the grass f	orms a thick la	wn free from	weeds and fit fo	r moving including	supplying g	ood earth if needed	d.
	3922	200.00	Metre	219.00	43800.00	AT Par	43800.00	
86	excavated	• .	<i>v</i> ith manure, s	• •			e and 45 cm deep, 100 metres and su	-
	3923	200.00	Metre	181.00	36200.00	AT Par	36200.00	
87	Descriptio	on:- Maintenar	nce of Hedge	for one year				
	3924	0.20	Kilometre	80300.00	16060.00	AT Par	16060.00	
88	Descriptio	on:- Planting F	lowering Plan	ts and Shrubs in	Central Verge			
	3925	0.20	Kilometre	176100.00	35220.00	AT Par	35220.00	
89	Descriptio	on:- Maintenar	nce of Floweri	ng Plants and Sh	nrubs in Central V	erge for one	Year.	
	3930	200.00	Each	1040.00		-	208000.00	
00	Descriptio	on:- Planting o	f trees by the			m dia holes,	1 m deep dug in t	the ground,
90	mixing the	soil with deca	yed farm yard		, planting the sapl	ings, backfilli	ng the trench, wate	-
	3926	200.00	Each	1990.00	398000.00	AT Par	398000.00	
91	Nos (25 x together w	6 mm) and 8 I	Nos (25 x 3 m nd 30 mm lon	m) vertical MS r	viveted to 3 Nos (2	25 x 6 mm) ii	bove ground level t ron rings in two ha of approved brand	lves, bolted
	Please see	e Item Breakup	o for details.		59600.00	AT Par	59600.00	
92	Description	on:-S&F follo	wing sizes of	f ISI marked st	eel conduit along	with heavy	duty accessories	in surface
02		using saddles	, clamps, fast	eners as require	ed including cuttin	ig the wall a	nd making good th	ne same as
	required.							
		e Item Breakup			59500.00		59500.00	
93	(IS:694) o		e and approv				opper conductor duit/casing cappin	
	Please see	e Item Breakup	o for details.		48800.00	AT Par	48800.00	
94	marked IS		conforming to	IEC 60898 in e	-		/ D tripping charac making connection	
	Please see	e Item Breakup	o for details.		58500.00	AT Par	58500.00	
95	phophatise conformine	ed/ powder pa g to IS13032	inted comple & IS8623 inc	te with copper	bus bar, shorting nternal DB termir	link ,neutra	neet steel Distribu I link, earth link ar copper lugs , test	nd din bar,
	Please see	e Item Breakup	o for details.		52440.00	AT Par	52440.00	
96	provision of earth link a	of 8 way incor	ner, phophati onforming to I	sed ,powder pai S13032 & IS8623	nted complete wi	th insulated	steel Distribution copper bus bar , r terminations with o	neutral link,
	Please see	e Item Breakup	o for details.		12840.00	AT Par	12840.00	
97	-		-	-		-	nimum sizes with mplete in all respect	
	Please see	e Item Breakup	o for details.	-	7459050.00	AT Par	7459050.00	
	Description	on:- P/Laying	XLPE insulat	ted / P.V.C. sh	eathed cable of	1.1 KV grad	de with aluminium	conductor
98	Armoured trench, 25	of IS:7098-I/1 cm thick und	554-1 approve er layer of sa	ed make in grou	ind as per IS:125	5 including e	xcavation of 30cm compaction of ea	x75cm size
		e Item Breakup		- 1	2304000.00	AT Par	2304000.00	
					_001000.00		_001000.00	

99	K.V.Earth	ed direct in grou	nd including e	xcavation of 30	0cmx100cm size t	rench, 25cm	able for working layer of river sand ing etc.as required	, IInd class
	Please se	e Item Breakup	for details.		88080.00	AT Par	88080.00	
100	approved testing et	make suitable f c. as required of	or XLPE insul	ated 11 KV ca	ble, with required	d components	bugh terminations , preparation of c	-
	551	20.00	Each	1650.00	33000.00		33000.00	
101	all access type with with alter	ories like nut, bo locking arrangen nate layers salt a	lts, reducer, n nent C.I. Cove nd coke/ char	ipple, wire mes er, C.I. Frame o	shed funnel, and (C.C. finished o 300 mm and e	' B ' class G.I. Pip chamber covered v embodying the pip	with hinged
		e Item Breakup			2000.00		2000.00	
102	-		-		trip in horizontal on etc. as required		in in ground/surfa	ice/ recess
		e Item Breakup			114800.00		114800.00	
103	out from optics all electronic	powder coated s uminium reflecto	ingle piece die r, heat resis or, holder pre	e cast aluminiu tant and toug	m housing, electro hened glass cov	ochemically bi ver and acce	e for HPSV/ MH LA rightened and and ssories like copp including making	odized POT ber ballast,
		e Item Breakup			28900.00	AT Par	28900.00	
104	Descript required	i on:- P & F high	pressure sodi	um vapour/ Hi	gh pressure merc	ury vapour/ M	letal halide/ halog	en lamp as
	Please se	e Item Breakup	for details.		2352000.00	AT Par	2352000.00	
105	shape, ha IS 2629.	aving single long The pole shall h	itudinal seam ave a weathe	weld and hot or rproof flush do	dipped galvanised oor and locking a	l internally & errangements.	hwise to obtained externally in accor The complete wo ng and commissio	dance with ork shall be
	Please se	e Item Breakup	ior details.		112200.00	AT Par	112200.00	
106	-	ion:- Supply, Ere .05 mm) over the		• • • •	oed galvanised O	verhang (60)	X 3.25 mm) with	сар (250 х
		e Item Breakup			5160000.00		5160000.00	
107	coated si LEDs of (control g efficiency	ngle piece press CREE/ NICHIA/ C ear compartmen having efficienc	ure die cast SRAM/ PHILI t, system lum y more than a	aluminium hou PS make. Diffu en output of 1 35 % and in c	sing with heat dis user /glass cover t 500-8500 high po	ssipation fins for ensuring I ower LED. Int standards. S	Fixture made fro on housing with I P-65 protection fo tegrated driver sh System life of 250	high power r lamp and all be high
	Please se	e Item Breakup	ior details.		25760.00	AT Par	25760.00	
108	2905/196 aggregat	6 as per requir	ement of sec	3 in alignmer	nt, including exca	vation of pit	15/1979 conforr and back filling by ramming and w	with stone
	Please se	e Item Breakup	for details.		12560.00	AT Par	12560.00	
109	anchor p		ay clamps tur	n buckle and	G.I stay wire tigh		olete with long sta h strain insulator,	-
	Please se	e Item Breakup	for details.		8900.00	AT Par	8900.00	
110	1996) on		ms through in	sulator with al	necessary T&P r	equired includ	R) ISI marked(IS ding binding and t	
		e Item Breakup			33975.00		33975.00	
111	existing b	racket including	all accessories	s like hot dippe	d GI spindle and r	nuts etc (as pe	epage distance of er specification of	
112	6020	240.00	Metre	20.00	4800.00	AT Par	4800.00	

	-			h conductor from tion duly soldered		-		on saddles
			-	-				
	6022	2.00	Each	42500.00	85000.00	AT Par	85000.00	tuinte nete
113	and neutral contacts ba mm grouted	type, complete se, brass studs	in all respect and nuts, co M-10 grade	box made of 2mr as required. Inc pper busbar for n to achieve the h	luding knife swit nain and intercor	ch, HRC fuse	s with copper on angle frame of 5	e piece U 0 x 50 x 6
	6023	3.00	Each	6050.00	18150.00	AT Par	18150.00	
114	24kV/22kV	1:- Supply and the post insulator (S:5350 part	np, 11kV Horn ga III), hot dipped h com. (Type tested	ap fuse set IS 93 ard ware,fuse w	385 on existir vire of require	ng DP structure v	
	6024	3.00	Each	13200.00	39600.00	AT Par	39600.00	
115	part I toV) v hard drawn of 12 kV (IS	without earth bla electrolytic cop	ade operating per tubular n) part III), hot	/, 400 Amp 3pole g mechanism with noving contact with dipped galvanisin ERDA/CPRI.)	n GI spring loade h silver/ nickel p	ed reverse loo lated at end p	op type fixed cor points, 9 nos pos	tact, solid t insulator
	6025	10.00	Each	2390.00	23900.00	AT Par	23900.00	
116	-		-	stribution type Lig tructure. (Type te			A (IS:3070) with	mounting
	6026	5.00	Each	8570.00	42850.00	AT Par	42850.00	
117	complete in	all respect as r	equired inclu	e pole structure ding nuts and bo 40 x 6mm and M	Its etc (excluding	the cost of p	oles) made of M	
		Item Breakup fo			6500.00	AT Par	6500.00	
118	clamps for	holding the box	, cost of DIN	VC cable junction I rail for MCB mc complete in all res	unting, connecto		-	-
	Please see	Item Breakup fo	r details.		56400.00	AT Par	56400.00	
119	stay wire, ir premises an incharge.(Se	sulators and ot	her electrica I transportati rial or can-du	T/HTelectric lines I items of the pole on as well as dis um material.)	e coming along t	he alignment	of the road or in	the plant
120	for stringing	the ACSR con	ductors insul	ection of new 11 ators, V - cross a e lines of service o	rms, chakri, top			
	714	5.00	Each	55000.00	275000.00	AT Par	275000.00	
121	type weather MS sheet fr held draft ar primer and frame size cement con They shall b switch fuse ABB . (ii) Pr base of L & busbars 25 Provision fo making con unit,63 Am connection resitance ty sheet 20 ga out going u with 8 SWG terminal sha	er proof out doo ont and back b nd all required h finally two coats 50 X 50 X 6 m crete 1:3:6 in 1 be in two section unit ,100 Amp. oviding fixing tir . T or equivalen mmX3mm of re r residual curre nections etc.(Eff p. Rating with etc. also to ha pe complete wi uge. (vii) P/F ca p to 5mm Cable bars copper wi all be with 4 sq kside of the pa	r main cubica oth side ope hard wares. T s of enamal im and 1500 000 X 500 X o comprising Rating for in- ner switch TS t make inclu equired leng nt operated E/Load stop HRC fuses ve a provisi- th lamp (Tak able glands c es. (viii) Prov- re. (ix)Inter mm PVC cop	STREET LIGHT al panel size 750 nable duely hinge The cubical should gray paint. The c 600 mm and pro as follows: (i) Pro- coming supply wit SQ 100 series 244 ding the cost of c th duly covered I 63 Amp. 1 Pole E make) (v) P/F No (EE/mds/ SCHN on for two nos. a iaic/ac.). P/F HP of louble compression riding 2 Nos. eart connection of ma oper conductor du and spring wash	mm X 1250 mm ed door with lock d be dust and ver ubical should be d framed be gro viding brick mas viding & Fixing 4 h HRC fuse 100 0 Volts, and full r ontactor and 63 oy heat shrinkat ELCB of MA to 3 os. 415 Volts Tpi EIDER bch/Sier above switchs. (danger plate of so on type and Al. Iu h terminals inclu in busbar to eac uly crimped with	X 500 mm (a sing arrangem rmin proof foll e mounted wit bouted 750 mr forny along ar 15 V ,TP coml Amp rating a running servic amp. 50 Hz. ble sleeves w 00 MA sensite n combination mens)for ou (vi) P/F of 3 size 200 X 15 ugs duly crimp ding lugs and h out going sv AL lugs. (x)	pp.) made out of pent by providing lowed by coat of h hard ware on m below ground agle iron frame a bination double b and BCH/L&T/EE/ we standered mou 440/400volt. (iii) with busbar supp evely as required a double break s tgoing cable an nos. RYB phase 50 mm made of bed for incoming I H/W duly inter of witch and swathe Cable terminatio	14 gauge both side zimpholite angle iron level with bove G.L. reak HRC Siemens/ unting with P/F open orters (iv) I including witch fuse d making e indicator aluminium cable and connected s to cable n shall be

Tender No: All-EN-WC-ROB-LC108-20-21

100	718	35.00	Each	800.00	28000.00	AT Par	28000.00	
122	Descriptio	n:- Providing	cut point for L	T line				
100	719	15.00	Each	1600.00	24000.00	AT Par	24000.00	
123	Descriptio	n:- Providing	cut point for 1	1 KV line				
	7112	35.00	Each	8000.00	280000.00	AT Par	280000.00	
124		•		•	T dis connector w with top tampere		o I/C and 200 amp ution transformer	3Nos O/O
125	7114	170.00	Metre	798.00	135660.00	AT Par	135660.00	
120	Descriptio	n:- Providing	& Laying GI p	oipe 125mm dia B	- Class			
126	7115	870.00	Metre	1050.00	913500.00	AT Par	913500.00	
120	Descriptio	n:- Providing	& Laying GI p	oipe 150mm dia B	- Class			
	Please see	ltem Breakup	o for details.		6504.00	AT Par	6504.00	
		boulders and all respect	soil in 0.45m	consolidating ea	ich deposited laye	er of 0.45m	by ramming and w	atering etc
		i all'i Copeel						
128	Please see Descriptio	Item Breakup n:- Dismantlin	ng and re-fixi				20400.00 inimum creepage	
128	Please see Descriptio	Item Breakup n:- Dismantlin	ng and re-fixi		ulator (IS 731/ 19	971) with m		
-	Please see Descriptio 300mm on	Item Breakup n:- Dismantlin	ng and re-fixi		ulator (IS 731/ 19	971) with m	inimum creepage	
-	Please see Descriptio 300mm on Discom). 0168	e Item Breakup on:- Dismantlin existing brack 8.00	ng and re-fixi ket including a Per Month	all accessories like	ulator (IS 731/ 15 e hot dipped GI sp 48000.00	971) with m bindle and n	inimum creepage uts etc (as per spe	
129	Please see Descriptio 300mm on Discom). 0168	e Item Breakup on:- Dismantlin existing brack 8.00	ng and re-fixi ket including a Per Month	all accessories like	ulator (IS 731/ 15 e hot dipped GI sp 48000.00	971) with m bindle and n	inimum creepage uts etc (as per spe	
129	Please see Descriptio 300mm on Discom). 0168 Descriptio 0218	e Item Breakup on:- Dismantlin existing brack 8.00 on:- Providing	ng and re-fixi ket including a Per Month and supply of Man-Days	all accessories like 6000.00 computer operat	ulator (IS 731/ 15 e hot dipped GI sp 48000.00 tor	971) with m bindle and n AT Par	inimum creepage uts etc (as per spe 48000.00	
129 130	Please see Descriptio 300mm on Discom). 0168 Descriptio 0218	e Item Breakup on:- Dismantlin existing brack 8.00 on:- Providing 200.00	ng and re-fixi ket including a Per Month and supply of Man-Days	all accessories like 6000.00 computer operat	ulator (IS 731/ 15 e hot dipped GI sp 48000.00 tor	971) with m bindle and n AT Par	inimum creepage uts etc (as per spe 48000.00	
128 129 130 131	Please see Descriptio 300mm on Discom). 0168 Descriptio 0218 Descriptio 0740	e Item Breakup on:- Dismantlin existing brack 8.00 on:- Providing 200.00 on:- Skilled Be	ng and re-fixi ket including a Per Month and supply of Man-Days Idar Metre	all accessories like 6000.00 computer operat 350.00 1185.00	ulator (IS 731/ 19 e hot dipped GI sp 48000.00 tor 70000.00	971) with m bindle and n AT Par AT Par	inimum creepage uts etc (as per spe 48000.00 70000.00	
129 130	Please see Descriptio 300mm on Discom). 0168 Descriptio 0218 Descriptio 0740	e Item Breakup on:- Dismantlin existing brack 8.00 on:- Providing 200.00 on:- Skilled Be 100.00	ng and re-fixi ket including a Per Month and supply of Man-Days Idar Metre	all accessories like 6000.00 computer operat 350.00 1185.00	ulator (IS 731/ 19 e hot dipped GI sp 48000.00 tor 70000.00	971) with m bindle and n AT Par AT Par	inimum creepage uts etc (as per spe 48000.00 70000.00	
129 130	Please see Descriptio 300mm on Discom). 0168 Descriptio 0218 Descriptio 0740 Descriptio RUIDP 2013 Descriptio complete th	e Item Breakup on:- Dismantlin existing brack 8.00 on:- Providing 200.00 on:- Skilled Be 100.00 on:- GI pipe 15 1.00 on:- Execution he contractua	ng and re-fixi ket including a Per Month and supply of Man-Days Idar Metre 50 mm dia "B" Job of items not of I scope of wo	all accessories like 6000.00 computer operat 350.00 1185.00 class. 2000000.00 covered in any of	ulator (IS 731/ 19 e hot dipped GI sp 48000.00 tor 70000.00 118500.00 2000000.00 the schedule unc ROB & Approaches	AT Par AT Par AT Par AT Par AT Par AT Par	inimum creepage uts etc (as per spe 48000.00 70000.00 118500.00	required to
129 130 131	Please see Descriptio 300mm on Discom). 0168 Descriptio 0218 Descriptio 0740 Descriptio RUIDP 2013 Descriptio complete th	e Item Breakup on:- Dismantlin existing brack 8.00 on:- Providing 200.00 on:- Skilled Be 100.00 on:- GI pipe 15 1.00 on:- Execution he contractua	ng and re-fixi ket including a Per Month and supply of Man-Days Idar Metre 50 mm dia "B" Job of items not of I scope of wo	all accessories like 6000.00 computer operat 350.00 1185.00 class. 2000000.00 covered in any of rk to Complete F	ulator (IS 731/ 19 e hot dipped GI sp 48000.00 tor 70000.00 118500.00 2000000.00 the schedule unc ROB & Approaches	AT Par AT Par AT Par AT Par AT Par AT Par	inimum creepage uts etc (as per spe 48000.00 70000.00 118500.00 2000000.00 QQ but essentially	cification o

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule	B-NS ITEM	S					664720.00	
	NS1	50.00	Per Day	2100.00	105000.00	AT Par	105000.00	
1	requiremen 12 hours a	t of Employe average dut	er/ client as o y complete.	directed for any	/ single day purpo	se movement	ivalent with Driver s limited to 150 kr ept Toll tax and	ns per day &
	NS 2	8.00	Per Month	29350.00	234800.00	AT Par	234800.00	
2	requiremen complete. (t of Employ No other pa ipts). This it	ver/ client as yment will b	s directed limi e admissible e	ted to 3000 kms xcept Toll tax and	per month & I that will be r	ent with Driver a & 12 hours/day a eimbursable sepa ender document a	verage duty rately as per
0	Please see	Item Breaku	p for details		324920.00	AT Par	324920.00	
3	Description	1:- Detailed	Design and	Drawing Prepa	ration Consultancy	y work for RO	3	

3. ITEM BREAKUP

Schedule	Schedule A-RUIDP SOR-2013
Item- 1	Carriage of material by mechanical transport including loading, unloading and stacking

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S No. Item **Description of Item** Unit Qty Rate Amount No 111 Earth@lead for 5 Km 9500.00 88.98 845310.00 cum 2 25122.00 113 Stone, boulders, gravelly material@lead for 5 Km cum 300.00 83.74 3 115 100.00 11389.00 Brick Tiles @ lead for 5 Km cum 113.89 881821.00 Total Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of serviceable Item- 2 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) S No Item **Description of Item** Unit Qty Rate Amount No 211 Girth from 300 mm to 600 mm Each 15.00 938.00 14070.00 2 212 Girth from 600 mm to 900 mm Each 10.00 1180.00 11800.00 3 15.00 1880.00 28200.00 213 Girth from 900 mm to 1800 mm Fach 4 214 Girth from 1800 mm to 2700 mm Each 5.00 3390.00 16950.00 5 215 Girth above 2700 mm Each 1.00 6410.00 6410.00 Total 77430.00 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 Item-4 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 S No. Item **Description of Item** Unit Qty Rate Amount No 231 In area of light jungle Sqm 0.25 51200.00 12800.00 Total 12800.00 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 Item- 5 the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 50 metres as directed by Engineer S No. **Description of Item** Unit Item Rate Qty Amount No 241 317.00 Lime Concrete, cement concrete grade M-10 (1:5:10) cum 200.00 63400.00 and below 200.00 2 242 Cement concrete M-15 & M-20 and PCC blocks 771.00 154200.00 cum 217600.00 Total Dismantling Brick / Tile work Item- 6 S No. Item **Description of Item** Unit Qty Rate Amount No 2442 100.00 249.00 24900.00 In cement mortar cum Total 24900.00 Item-7 **Dismantling Stone Masonry** S No. Item **Description of Item** Unit Qtv Rate Amount No 2452 Rubble Stone Masonry in cement mortar cum 100.00 249.00 24900.00 24900.00 Total Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres, stacking Item- 8 serviceable and unserviceable materials separately as directed by Engineer S No. **Description of Item** Item Unit Qty Rate Amount No 291 40.00 1020.00 40800.00 Bituminous courses cum 85250.00 2 292 Granular Course cum 125.00 682.00 Total 126050.00 Earth work in excavation for roadway, including trimming bottom and side slopes in accordance with requirement Item-11 of line, grades and cross sections, including disposal of surplus material with all lift and lead upto 1.0km as per MoRT&H specification clause 301

S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	421	In all type of soil.	cum	3375.00	171.00	577125.00
					Total	577125.00
Item- 14	Compa	cting original ground				
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	482	Loosening and recompacting original ground below embankment including Loosening levelling and recompacting original ground supporting embankment to facilitate placement of first layer 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.		2150.00		49450.00
	I				Total	49450.00
Item- 15 S No.	includin excavat natural	ork in excavation in foundation, trenches etc. including drea g getting out the excavated material, refilling after laying pi ed material at a lead upto 50m suitable site as per direction ground / Road top level In all types soils/ saturated soil suc soil, kankar, etc. Description of Item	pe/ founda n of Engin	ation and di eer for follo	sposal of su wing depths	rplus , below
5 110.	No	Description of item	onit	Giy	nate	Amount
1	4911	Depth upto 1.5m .	cum	39800.00	169.00	6726200.00
2	4912	Add extra for over all depth of excavation above 1.5 m and upto 3.0m over item no 4.9.1.1	cum	20000.00	25.50	510000.00
3	4913	Add extra for over all depth of excavation above 3.0 m and upto 4.5m over item no 4.9.1.1	cum	9950.00	54.50	542275.00
4	4914	Add extra for over all depth of excavation above 4.5 m and upto 6.0m over item no 4.9.1.1	cum	200.00	88.00	17600.00
					Total	7796075.00
Item- 16	In ordin	ary rock				
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	4921	Depth upto 1.5m .	cum	6000.00	730.00	4380000.00
2	4922	Add extra for over all depth of excavation above 1.5 m and upto 3.0m over item no 4.9.2.1	cum	350.00	109.00	38150.00
3	4923	Add extra for over all depth of excavation above 3.0 m and upto 4.5m over item no 4.9.2.1	cum	100.00	236.00	23600.00
4	4924	Add extra for over all depth of excavation above 4.5 m and upto 6.0m over item no 4.9.2.1	cum	50.00	380.00	19000.00
	_				Total	4460750.00
Item- 17		rock (required blasting) including Blasting materials		-	· - ·	
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	4931	Depth upto 1.5m .	cum	1150.00	1190.00	1368500.00
2	4932	Add extra for over all depth of excavation above 1.5 m and upto 3.0m over item no 4.9.3.1		375.00		89625.00
3	4933	Add extra for over all depth of excavation above 3.0 m and upto 4.5m over item no 4.9.3.1	cum	50.00	525.00	26250.00
4	4934	Add extra for over all depth of excavation above 4.5 m and upto 6.0m over item no 4.9.3.1	cum	50.00	869.00	43450.00
	I	. ·	Π	1	Total	1527825.00
Item- 18	In hard	rock (Blasting prohibited)			<u> </u>	
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	4941	Depth upto 1.5m .	cum	150.00	2360.00	354000.00
	I					

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2	4942	Add extra for over all depth of excavation above 1.5 m and upto 3.0m over item no 4.9.4.1	cum	100.00	472.00	47200.00
3	4943	Add extra for over all depth of excavation above 3.0 m and upto 4.5m over item no 4.9.4.1	cum	75.00	1040.00	78000.00
4	4944	Add extra for over all depth of excavation above 4.5m and upto 6.0m over item no 4.9.4.1	cum	50.00	1720.00	86000.0
	-				Total	565200.0
Item- 19	SITE O	FFICE				
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1		Providing, arranging, managing and maintaining 500 sqft. well furnished office and well equipped Laboratory with 3 tables, 10 chairs, 2 steel almirah, one computer with printer & operator, sufficient number of display etc. to the 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.	by providir		Total aded Mater	-
Item- 20	as per M	on prepared surface and compacting with vibratory power MoRT&H specification clause - 401 including all material, la	roller to ach	nieve the d	lesired dens	ity, complete
Item- 20 S No.	as per M mainter Item	on prepared surface and compacting with vibratory power	roller to ach	nieve the d	lesired dens	ity, complete
	as per M mainter	on prepared surface and compacting with vibratory power MoRT&H specification clause - 401 including all material, la nance of diversion.	roller to ach bour, mach	nieve the d ninery, ligh	lesired dens ting, guardii Rate	ity, completeng and
	as per M mainter Item No 711	on prepared surface and compacting with vibratory power of MoRT&H specification clause - 401 including all material, la nance of diversion. Description of Item Grading - I Material	roller to ach bour, mach Unit cum	nieve the d ninery, ligh Qty 5000.00	lesired dens ting, guardii Rate 1080.00 Total	ity, complete ng and Amount 5400000.00 5400000.0 0
	as per M mainter Item No 711 Providir Bound I 10 tonn 400-8) I compace specifice Item	on prepared surface and compacting with vibratory power MoRT&H specification clause - 401 including all material, la nance of diversion. Description of Item	Unit Unit cum pecific size ness; hand ooming rec ttes, waterii o protect ee	Anieve the d ninery, ligh Qty 5000.00 s as per T l packing, n quisite type ng (with wa dges as pe	Rate 1080.00 Total able 400-7 rolling with p of screenin ater browse or clause 40	Amount 5400000.00 5400000.00 5400000.00 to Water bower roller 8 bg (Table r) and 4 of MoRT&F
S No. 1 Item- 21 S No.	as per M mainter Item No 711 Providir Bound M 10 tonn 400-8) M compace specific Item No	on prepared surface and compacting with vibratory power of MoRT&H specification clause - 401 including all material, la nance of diversion.	Unit Unit Cum pecific size ness; hand ooming rec ttes, waterii o protect ec rrding and r	nieve the d ninery, ligh Qty 5000.00 s as per T packing, r quisite type ng (with wa dges as pe maintenan Qty	Rate 1080.00 Total able 400-7 rolling with p of screenin ater browse er clause 40 ce of diversi Rate	Amount 5400000.0 5400000.0 5400000.0 to Water bower roller 8 brg (Table r) and 4 of MoRT&H on complete Amount
S No. 1 Item- 21 S No.	as per M mainter Item No 711 Providir Bound I 10 tonn 400-8) I compace specifice Item	on prepared surface and compacting with vibratory power of MoRT&H specification clause - 401 including all material, la nance of diversion. Description of Item Grading - I Material Ing laying, spreading and compacting stone aggregates of staceadam specification including spreading in uniform thick es, in stages to proper grade and camber, applying and brobinding materials to fill up the interstices of coarse aggregation including attended to for equired density, making necessary earthen bund to ation including all material, labour, machinery, lighting, guarding	Unit Unit Cum Decific size ness; hand ooming rec ttes, wateri o protect ec urding and r	nieve the d ninery, ligh Qty 5000.00 s as per T l packing, r quisite type ng (with wa dges as per naintenan	Rate 1080.00 Total able 400-7 rolling with p of screenin ater browse er clause 40 ce of diversi Rate	ity, complete ng and Amount 5400000.0 5400000.0 to Water bower roller & og (Table r) and 4 of MoRT&H on complete
S No. 1 Item- 21 S No.	as per M mainter Item No 711 Providir Bound M 10 tonn 400-8) M compace specific Item No 754 Providir Macada bitumer includin comput fitted wi rollers a density	on prepared surface and compacting with vibratory power of MoRT&H specification clause - 401 including all material, la nance of diversion. Description of Item Grading - I Material Ing laying, spreading and compacting stone aggregates of stacadam specification including spreading in uniform thick es, in stages to proper grade and camber, applying and brobinding materials to fill up the interstices of coarse aggregating to required density, making necessary earthen bund to ation including all material, labour, machinery, lighting, gua Description of Item Crusher Broken Grade III (53-22.4mm) and laying 50-75 mm compacted thick design mix (approxim on prepared surface with specified graded crushed agged binder set (including cost of anti-stripping compound whe g loading of material with F.E. loader, heating and mixing cerised hot mix plant, transporting the mixed material by tipp th electronic sensor control as per clause 504.3.5 to the read vibratory rollers or 150 to 250 KN pneumatic tyred rolle (approximately 2.3 tonne /cum) complete as per clause 50	Unit Unit Cum pecific size ness; hand ooming rec tes, wateri o protect eq urding and r Unit cum Dived by En regates as rever requi of stone ag pors to pav quired leve er with TP=(7 of MoRT	Anieve the d hinery, ligh Qty 5000.00 s as per T l packing, n quisite type ng (with wa dges as per maintenane Qty 1400.00 gineer) De per Table red) for ba gregate, fil er and layi l and grad 0.7Mpa to &H specific	Rate 1080.00 Total able 400-7 f rolling with p of screenin ater browsel of screenin ater browsel of diversi Rate 1480.00 Total mse Bitumin 500-9, 500- se/ binder of ler and bitur ing with pav- e, compacti achieve the cation but es	Amount 5400000.0 5400000.0 5400000.0 5400000.0 to Water bower roller & bog (Table r) and 4 of MoRT&ł on complete Amount 2072000.0 2072000.0 2072000.0 2072000.0 00US -10 with course men in er finisher ng by power desired xcluding
S No. 1 Item- 21 S No. 1 Item- 27	as per M mainter Item No 711 Providir Bound I 10 tonn 400-8) I compace specifica Item No 754 Providir Macada bitumer includin comput fitted wi rollers a density primer/t	on prepared surface and compacting with vibratory power of MoRT&H specification clause - 401 including all material, la nance of diversion. Description of Item Grading - I Material and and specification including stone aggregates of semandary specification including spreading in uniform thick es, in stages to proper grade and camber, applying and brobinding materials to fill up the interstices of coarse aggregation including all material, labour, machinery, lighting, gua Description of Item Crusher Broken Grade III (53-22.4mm) And laying 50-75 mm compacted thick design mix (approxime on prepared surface with specified graded crushed aggregation of material with F.E. loader, heating and mixing of erised hot mix plant, transporting the mixed material by tipp th electronic sensor control as per clause 504.3.5 to the read or wibratory rollers or 150 to 250 KN pneumatic tyred rolle (approximately 2.3 tonne /cum) complete as per clause 50 ack coat, including all material, labour, machinery, lighting,	Unit Unit Unit Cum pecific size ness; hand ooming rec ites, wateri o protect eo rding and r Unit Cum Cum Dived by En regates as rever requi of stone age poers to pav quired leve er with TP=(7 of MoRT , guarding a	Anieve the d hinery, ligh Qty 5000.00 s as per T l packing, i quisite type ng (with wa dges as per maintenand Qty 1400.00 gineer) De per Table red) for ba gregate, fil er and layi al and grad 0.7Mpa to &H specific and maintenand	Rate 1080.00 Total able 400-7 rolling with p of screenin ater browse r clause 40- ce of diversi Rate 1480.00 Total mse Bitumin 500-9, 500- ise/ binder co ler and bitur ing with pave e, compacti achieve the cation but esent ence of diversi	Amount 5400000.0 5400000.0 5400000.0 to Water bower roller & bog (Table r) and 4 of MoRT&H on complete Amount 2072000.0 2072000.0 2072000.0 2072000.0 2072000.0 10 with course men in er finisher ng by power desired xcluding version.
S No. 1 Item- 21 S No.	as per M mainter Item No 711 Providir Bound M 10 tonn 400-8) M compace specific Item No 754 Providir Macada bitumer includin comput fitted wi rollers a density primer/t Item No	on prepared surface and compacting with vibratory power of MoRT&H specification clause - 401 including all material, la bance of diversion. Description of Item Grading - I Material Ing laying, spreading and compacting stone aggregates of stacadam specification including spreading in uniform thick es, in stages to proper grade and camber, applying and broinding materials to fill up the interstices of coarse aggregating to required density, making necessary earthen bund to ation including all material, labour, machinery, lighting, gua Description of Item Crusher Broken Grade III (53-22.4mm) Ang and laying 50-75 mm compacted thick design mix (approxim on prepared surface with specified graded crushed agged binder set (including cost of anti-stripping compound whe gloading of material with F.E. loader, heating and mixing cerised hot mix plant, transporting the mixed material by tip, th electronic sensor control as per clause 504.3.5 to the read on vibratory rollers or 150 to 250 KN pneumatic tyred rolle (approximately 2.3 tonne /cum) complete as per clause 50 ack coat, including all material, labour, machinery, lighting,	voller to ach bour, mach Unit cum pecific size ness; hand ooming rec tes, wateri o protect eq arding and r Unit cum boved by En regates as rever requi of stone age pers to pav quired leve er with TP=(7 of MoRT , guarding a	Anieve the d hinery, ligh Qty 5000.00 s as per T l packing, r quisite type ng (with wa dges as per maintenane Qty 1400.00 gineer) De per Table red) for ba gregate, fil er and layi l and grad 0.7Mpa to &H specific and mainte Qty	Rate 1080.00 Total able 400-7 rolling with p of screenir ater browsel r clause 400 ce of diversi Rate 1480.00 Total mse Bitumin 500-9, 500- ise/ binder co ler and bitur ing with pavele, compacti achieve the cation but ex- enance of diversi Rate	Amount 5400000.0 5400000.0 5400000.0 5400000.0 to Water bower roller & bog (Table r) and 4 of MoRT&H on complete Amount 2072000.0 2072000.0 2072000.0 2072000.0 00US -10 with bourse men in er finisher ng by power desired xcluding version. Amount
S No. 1 Item- 21 S No. 1 Item- 27	as per M mainter Item No 711 Providir Bound I 10 tonn 400-8) I compace specifica Item No 754 Providir Macada bitumer includin comput fitted wi rollers a density primer/t Item	on prepared surface and compacting with vibratory power of MoRT&H specification clause - 401 including all material, la nance of diversion. Description of Item Grading - I Material and and specification including stone aggregates of semandary specification including spreading in uniform thick es, in stages to proper grade and camber, applying and brobinding materials to fill up the interstices of coarse aggregation including all material, labour, machinery, lighting, gua Description of Item Crusher Broken Grade III (53-22.4mm) And laying 50-75 mm compacted thick design mix (approxime on prepared surface with specified graded crushed aggregation of material with F.E. loader, heating and mixing of erised hot mix plant, transporting the mixed material by tipp th electronic sensor control as per clause 504.3.5 to the read or wibratory rollers or 150 to 250 KN pneumatic tyred rolle (approximately 2.3 tonne /cum) complete as per clause 50 ack coat, including all material, labour, machinery, lighting,	voller to ach bour, mach Unit cum pecific size ness; hand ooming rec tes, wateri o protect eq arding and r Unit cum boved by En regates as rever requi of stone age pers to pav quired leve er with TP=(7 of MoRT , guarding a	Anieve the d hinery, ligh Qty 5000.00 s as per T l packing, i quisite type ng (with wa dges as per maintenand Qty 1400.00 gineer) De per Table red) for ba gregate, fil er and layi al and grad 0.7Mpa to &H specific and maintenand	Rate 1080.00 Total able 400-7 rolling with p of screenin ater browsel r clause 400 ce of diversi Rate 1480.00 Total mse Bitumin 500-9, 500- ise/ binder of ler and bitur ing with pavele, compacti achieve the cation but ex- enance of diversi	Amount 5400000.0 5400000.0 5400000.0 5400000.0 to Water bower roller & bog (Table r) and 4 of MoRT&I on complete Amount 2072000.0 2072000.0 2072000.0 2072000.0 2072000.0 2072000.0 cous -10 with course men in er finisher ng by power desired xcluding version.

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5953550.00

Total

	Enginee	ng and laying 30-45 mm compacted thickness Bituminous (er) on prepared surface with specified grade stone aggrega g course including loading of aggregate with F.E. loader an	ate as per ⁻	Table - 500	0-18 with bit	umen for
ltem- 28	(includii mixed n clause { 250 KN MoRT&	ng cost of anti-stripping compound wherever required) in c naterial by tippers to paver and laying with paver finisher fit 504-3.5) to the required level and grade and compacting b pneumatic tyred roller with TP=0.7Mpa, to achieve the des H specification including all material, labour, machinery, lig luding primer/tack coat.	omputerise tted with el y power rol sired densi	ed hot mix pectronic se llers and vi ty complete	plant, transp nsing device bratory rolle e as per clau	oorting the e (as per ers or 150 to use 509 of
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	8102	Grade-II with bitumen of grade CRMB-60 @ 6% (percent by weight of total mix)	cum	520.00	8870.00	4612400.00
					Total	4612400.00
ltem- 31	cleanin	y two coats on specified surface with synthetic enamel pain g and necessary filling to give even shade as per clause 80 l, labour.				
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	1051	On New Plastered concrete Surface	Sqm	2500.00	83.00	207500.00
					Total	207500.00
Item- 33 S No.	ground	ed on a mild steel angle iron post 3 metre long and size 75 by means of properly designed foundation with M15 grade w ground level as per approved drawing including all mate Description of Item	e cement co	oncrete 45		
5 NO.	No	Description of item	Unit	QUY	паце	Amount
1	1091	90 cm equilateral triangle	Each	20.00	4130.00	82600.00
2	1093	60 cm circular	Each	20.00	3660.00	73200.00
3	1094	80 mm x 60 mm rectangular	Each	20.00	5050.00	101000.00
4	1097	90 cm high octagon	Each	10.00	6390.00	63900.00
	1				Total	320700.00
Item- 34	with hig clause 8	ng and erecting overhead signs with a corrosion resistant 2 h intensity retro-reflective sheeting of encapsulated lens ty 302.2 and 802.3 and installed as per clause 802.7 over a d and trusses of sections and type as per structural design r	pe with ver lesigned su	tical and la pport syst	ateral cleara em of galva	nce given in nised steel
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	10131	Truss and Vertical Support	Tonne	12.00	86900.00	1042800.00
2	10132	Aluminium alloy plate for over head sign	Sqm	85.00	1300.00	110500.00
					Total	1153300.00
Item- 41	course/ technica	ng, laying and compacting plain/ reinforced cement concret pile cap using concrete mixer and vibrater complete incluc al specifications and as per clause 1100, 1500, 1700, 2100 ling material, labour, machinery	ling cost of	form work	, as per dra	wing and
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	1341	PCC Grade M -15	cum	210.00	3840.00	806400.00
2	1342	PCC Grade M -20	cum	1140.00	4310.00	4913400.00
					Total	5719800.00
ltem- 42	leveling work, co	ng, laying and compacting design mix plain/ reinforced cem course/pile cap using batching plant, transit mixer and cor complete as per drawing and technical specifications as per ation including all material, labour, machinery, and mainter	ncrete pum clause 110	p and vibra 00, 1500,1	ater includin	g cost of form
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		1	1	1		
1	1358	RCC Grade M -35	cum	450.00	5100.00	2295000.00

Item- 44	at all lev	ng and laying structural plain/ reinforced cement concrete vels using concrete mixer and vibrater, including cost of fo				
		ations complete as per clause 1500, drawing and technicand 2200 of MoRT&H specification including all material, lab	•		ete as per c	lause 1500,
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1465	RCC Grade M -25	cum	100.00	5150.00	515000.00
2	1467	RCC Grade M -35	cum	100.00		525000.00
					Total	1040000.00
ltem- 45	at all lev drawing	ng and laying structural plain/ reinforced cement concrete vels using batching plant transit mixer, concrete pump and and technical specifications complete as per drawing and ation including all material, labour, scaffolding, machinery	d vibrater, in I clause 150	ncluding co	ost of form w	ork, as per
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	1472	RCC Grade M-25	cum	100.00	5460.00	546000.00
2	1474	RCC Grade M-35	cum	370.00	5560.00	2057200.00
					Total	2603200.00
Item- 46 S No.	scaffold Item	mplete as per drawing, technical specifications and clause ing, material, labour, machinery etc. Description of Item	2205 of Mo	ORT&H Spe	ecification in Rate	cluding all Amount
4	No	400 mm dia	Matura	450.00	104.00	40000.00
1	1481	100 mm dia	Metre	450.00	104.00	46800.00
ltem- 50	exceedi lift as pe	ng in foundation, trench behind abutment, wing wall and r ng 20cm in depth, consolidating each deposited layer con er drawing and technical specification including all materia MoRT&H specification including all material, labour, mach	npacted by I, labour, ma	mechanica	I means wit	h all lead and
S No.	exceedi lift as pe	ng 20cm in depth, consolidating each deposited layer con er drawing and technical specification including all materia MoRT&H specification including all material, labour, mach Description of Item Using selected granular material (as per clause 2200 o	npacted by I, labour, ma ninery. Unit	mechanica	ow pipe bed I means with s per clause Rate	in layers not h all lead and
S No.	exceedi lift as pe 2200 of Item No	ng 20cm in depth, consolidating each deposited layer con er drawing and technical specification including all materia MoRT&H specification including all material, labour, mach Description of Item	npacted by I, labour, ma ninery. Unit	mechanica achinery as Qty	ow pipe bed Il means with s per clause Rate 836.00	in layers not n all lead and 2100 and Amount 518320.00
S No.	exceedi lift as pe 2200 of Item No 14121 Providir batching form wo	ng 20cm in depth, consolidating each deposited layer con er drawing and technical specification including all materia MoRT&H specification including all material, labour, mach Description of Item Using selected granular material (as per clause 2200 o	npacted by I, labour, ma ninery. Unit f cum ncrete (des structure at	mechanica achinery as Qty 620.00 ign mix) of : all levels i	w pipe bed I means with s per clause Rate 836.00 Total specified gr ncluding cos	in layers not in all lead and 2100 and Amount 518320.00 518320.00 rade using st of steel
S No .	exceedi lift as pe 2200 of Item No 14121 Providir batching form wo	ng 20cm in depth, consolidating each deposited layer con er drawing and technical specification including all materia MoRT&H specification including all material, labour, mach Description of Item Using selected granular material (as per clause 2200 o MoRT&H). ng and laying structural reinforced/ prestressed cement co g plant, transit mixer, concrete pump and vibrater in super ork complete as per clause 1500, 1600 and 1700 of MoRT	npacted by I, labour, ma ninery. Unit f cum ncrete (des structure at	mechanica achinery as Qty 620.00 ign mix) of : all levels i	w pipe bed I means with s per clause Rate 836.00 Total specified gr ncluding cos	in layers not in all lead and 2100 and Amount 518320.00 518320.00 rade using at of steel
S No. 1 Item- 53 S No.	exceedi lift as pe 2200 of Item No 14121 Providir batching form wo materia Item No	ng 20cm in depth, consolidating each deposited layer con er drawing and technical specification including all materia MoRT&H specification including all material, labour, mach Description of Item Using selected granular material (as per clause 2200 o MoRT&H). ng and laying structural reinforced/ prestressed cement co g plant, transit mixer, concrete pump and vibrater in super ork complete as per clause 1500, 1600 and 1700 of MoRT I, labour, machinery etc RCC/PSC Grade M -40	npacted by I, labour, mainery. Unit f cum ncrete (des structure at &H specific	mechanica achinery as Qty 620.00 ign mix) of : all levels i ation incluc	w pipe bed I means with s per clause Rate 836.00 Total specified gr ncluding cos ding all scaff Rate	in layers not in all lead and 2100 and Amount 518320.00 518320.00 518320.00 rade using st of steel folding,
S No. 1 Item- 53 S No.	exceedi lift as pe 2200 of Item No 14121 Providir batching form wo materia Item No	ng 20cm in depth, consolidating each deposited layer con er drawing and technical specification including all materia MoRT&H specification including all material, labour, mach Description of Item Using selected granular material (as per clause 2200 o MoRT&H). ng and laying structural reinforced/ prestressed cement co g plant, transit mixer, concrete pump and vibrater in super ork complete as per clause 1500, 1600 and 1700 of MoRT I, labour, machinery etc RCC/PSC Grade M -40 Description of Item	I, labour, mainery. Unit f cum ncrete (des structure at &H specific.	mechanica achinery as Qty 620.00 ign mix) of all levels i ation incluc Qty	w pipe bed I means with s per clause Rate 836.00 Total specified gr ncluding cos ding all scaff Rate	in layers not n all lead and 2100 and Amount 518320.00 518320.00 518320.00 518320.00 ade using st of steel olding, Amount 11217500.00
S No. 1 Item- 53 S No.	exceedi lift as pe 2200 of Item No 14121 Providir batching form wc materia Item No 141742 Providir grade g	ng 20cm in depth, consolidating each deposited layer con er drawing and technical specification including all materia MoRT&H specification including all material, labour, mach Description of Item Using selected granular material (as per clause 2200 o MoRT&H). ng and laying structural reinforced/ prestressed cement co g plant, transit mixer, concrete pump and vibrater in super ork complete as per clause 1500, 1600 and 1700 of MoRT I, labour, machinery etc RCC/PSC Grade M -40 Description of Item	In pacted by I, labour, mainery. Unit f cum Increte (des structure at &H specific Unit cum	mechanica achinery as Qty 620.00 ign mix) of all levels i ation incluc Qty 1750.00 st pre/post-	A pipe bed a means with s per clause Rate 836.00 Total specified gr ncluding cos ding all scaff Rate 6410.00 Total -tensioned s	in layers not h all lead and 2100 and Amount 518320.00 518320.00 518320.00 ade using st of steel olding, Amount 11217500.00 pecified
S No. 1 Item- 53 S No.	exceedi lift as pe 2200 of Item No 14121 Providir batching form wc materia Item No 141742 Providir grade g	ng 20cm in depth, consolidating each deposited layer con er drawing and technical specification including all materia MoRT&H specification including all material, labour, mach Description of Item Using selected granular material (as per clause 2200 o MoRT&H). Ing and laying structural reinforced/ prestressed cement co g plant, transit mixer, concrete pump and vibrater in super ork complete as per clause 1500, 1600 and 1700 of MoRT I, labour, machinery etc RCC/PSC Grade M -40 Description of Item For T-beam & slab	In pacted by I, labour, mainery. Unit f cum Increte (des structure at &H specific Unit cum	mechanica achinery as Qty 620.00 ign mix) of all levels i ation incluc Qty 1750.00 st pre/post-	A pipe bed a means with s per clause Rate 836.00 Total specified gr ncluding cos ding all scaff Rate 6410.00 Total -tensioned s	in layers not h all lead and 2100 and Amount 518320.00 518320.00 518320.00 ade using st of steel olding, Amount 11217500.00 pecified
S No. 1 Item- 53 S No. 1 Item- 54	exceedi lift as pe 2200 of Item No 14121 Providir batching form wc materia Item No 141742 Providir grade g labour, Item	ng 20cm in depth, consolidating each deposited layer con er drawing and technical specification including all materia MoRT&H specification including all material, labour, mach Description of Item Using selected granular material (as per clause 2200 o MoRT&H). Ing and laying structural reinforced/ prestressed cement co g plant, transit mixer, concrete pump and vibrater in super ork complete as per clause 1500, 1600 and 1700 of MoRT I, labour, machinery etc RCC/PSC Grade M -40 Description of Item For T-beam & slab	Inpacted by I, labour, mainery. Unit f cum Increte (des structure at &H specific. Unit cum level precas of MoRT&H	mechanica achinery as Qty 620.00 ign mix) of all levels i ation incluc Qty 1750.00 st pre/post- specificatio	w pipe bed I means with s per clause Rate 836.00 Total specified gr ncluding cos ding all scaff Rate 6410.00 Total tensioned sons including	in layers not h all lead and 2100 and Amount 518320.00 518320.00 518320.00 ade using st of steel olding, Amount 11217500.00 pecified g all material, Amount
S No.	exceedi lift as pe 2200 of Item No 14121 Providir batching form wc materia Item No 141742 Providir grade g labour, Item No	ng 20cm in depth, consolidating each deposited layer con er drawing and technical specification including all materia MoRT&H specification including all material, labour, mach Description of Item Using selected granular material (as per clause 2200 o MoRT&H). ng and laying structural reinforced/ prestressed cement co g plant, transit mixer, concrete pump and vibrater in super ork complete as per clause 1500, 1600 and 1700 of MoRT I, labour, machinery etc RCC/PSC Grade M -40 Description of Item For T-beam & slab ng, precasting, transportation and placing in position at all irders complete as per drawing and clause 1800 & 2300 c machinery including suitable crane etc. Description of Item	In pacted by I, labour, mainery. Unit I cum Increte (des structure at &H specific Unit I cum I evel precas If MoRT&H	mechanica achinery as Qty 620.00 ign mix) of all levels i ation incluce Qty 1750.00 st pre/post- specification	w pipe bed bw pipe bed I means with s per clause Rate 836.00 Total specified gr ncluding cos ding all scaff Rate 6410.00 Total tensioned sons including Rate Rate	in layers not h all lead and 2100 and Amount 518320.00 518320.00 518320.00 518320.00 11217500.00 11217500.00 11217500.00 pecified g all material, Amount 2544000.00
S No. 1 Item- 53 S No. 1 Item- 54	exceedi lift as pe 2200 of Item No 14121 Providir batching form wc materia Item No 141742 Providir grade g labour, Item No 14181	ng 20cm in depth, consolidating each deposited layer con er drawing and technical specification including all materia MoRT&H specification including all material, labour, mach Description of Item Using selected granular material (as per clause 2200 o MoRT&H). ng and laying structural reinforced/ prestressed cement co g plant, transit mixer, concrete pump and vibrater in super ork complete as per clause 1500, 1600 and 1700 of MoRT I, labour, machinery etc RCC/PSC Grade M -40 Description of Item For T-beam & slab ng, precasting, transportation and placing in position at all irders complete as per drawing and clause 1800 & 2300 c machinery including suitable crane etc. Description of Item	In pacted by I, labour, mainery. Unit If cum Increte (des structure at &H specific. Unit cum Ievel precas of MoRT&H Unit cum	mechanica achinery as achinery as achinery as 620.00 ign mix) of all levels i ation incluc Qty 1750.00 st pre/post- specificatio Qty 120.00 pecified gra ath and ke	w pipe bed bw pipe bed l means with s per clause Rate 836.00 Total specified gr ncluding cos ding all scaff Rate 6410.00 Total tensioned s cons including Rate 21200.00 Total ade using m rb as per ap	in layers not h all lead and 2100 and Amount 518320.00 518320.00 518320.00 518320.00 7 7 7 7 7 7 7 7 7 7 7 7 7
S No. 1 Item- 53 S No. 1 Item- 54 S No. 1	exceedi lift as pe 2200 of Item No 14121 Providir batching form wc materia Item No 141742 Providir grade g labour, Item No 14181	ng 20cm in depth, consolidating each deposited layer con er drawing and technical specification including all materia MoRT&H specification including all material, labour, mach Description of Item Using selected granular material (as per clause 2200 o MoRT&H). Ing and laying structural reinforced/ prestressed cement co g plant, transit mixer, concrete pump and vibrater in super ork complete as per clause 1500, 1600 and 1700 of MoRT I, labour, machinery etc RCC/PSC Grade M -40 Description of Item For T-beam & slab Ing, precasting, transportation and placing in position at all irders complete as per drawing and clause 1800 & 2300 c machinery including suitable crane etc. Description of Item RCC M-40	In pacted by I, labour, mainery. Unit If cum Increte (des structure at &H specific. Unit cum Ievel precas of MoRT&H Unit cum	mechanica achinery as achinery as achinery as 620.00 ign mix) of all levels i ation incluc Qty 1750.00 st pre/post- specificatio Qty 120.00 pecified gra ath and ke	w pipe bed bw pipe bed l means with s per clause Rate 836.00 Total specified gr ncluding cos ding all scaff Rate 6410.00 Total tensioned s cons including Rate 21200.00 Total ade using m rb as per ap	in layers not n all lead and 2100 and Amount 518320.00 518320.00 518320.00 518320.00 11217500.00 11217500.00 pecified g all material, Amount 2544000.00 2544000.00 pechanical proved
S No. 1 Item- 53 S No. 1 Item- 54 S No. 1 Item- 55	exceedi lift as pe 2200 of Item No 14121 Providir batching form wc materia Item No 141742 Providir grade g labour, Item No 14181 Providir grade g labour, Item No	ng 20cm in depth, consolidating each deposited layer con er drawing and technical specification including all material MoRT&H specification including all material, labour, mach Description of Item Using selected granular material (as per clause 2200 o MoRT&H). Ing and laying structural reinforced/ prestressed cement co g plant, transit mixer, concrete pump and vibrater in super ork complete as per clause 1500, 1600 and 1700 of MoRT I, labour, machinery etc RCC/PSC Grade M -40 Description of Item For T-beam & slab Ing, precasting, transportation and placing in position at all irders complete as per drawing and clause 1800 & 2300 c machinery including suitable crane etc. Description of Item RCC M-40 Ing and laying structural Reinforced cement concrete (desig e mixer and vibrater in approach slab, friction slab, edge b and specification as directed by the Engineer as per clau g all scaffolding, material, labour, machinery etc.	Inpacted by I, labour, mainery. Unit f cum Increte (des structure at &H specific Unit cum level precass of MoRT&H Unit cum gn mix) of speam, footpoise 1500 &1	mechanica achinery as Qty 620.00 ign mix) of all levels i ation includ Qty 1750.00 st pre/post- specificatio Qty 120.00 pecified gra ath and ke 700 of Mol	An any pipe bed bw pipe bed aw pipe bed s per clause Rate 836.00 Total specified gr ncluding cos ding all scaff Rate 6410.00 Total tensioned s ons including Rate 21200.00 Total ade using m rb as per ap RT&H specif Rate	in layers not h all lead and 2100 and Amount 518320.00 518320.00 518320.00 ade using st of steel olding, Amount 11217500.00 pecified g all material, Amount 2544000.00 2544000.00 echanical proved fication

ltem- 56	transit r approve	ng and laying structural Reinforced cement concrete (desig nixer, concrete pump and vibrater in approach slab, friction ad drawing and specification as directed by the Engineer as ation including all scaffolding, material, labour, machinery of	n slab, edge s per clause	e beam, fo	otpath and I	kerb as per
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	14222	RCC M-35	cum	2090.00	6340.00	13250600.00
2	14223	RCC M-40	cum	45.00	6410.00	288450.00
					Total	13539050.00
ltem- 61	constru by the E	ng and laying Precast Reinforced cement concrete slab for cted with specified grade concrete as per dimensions in the Engineer including form work and excluding reinforcement H specification including all material, labour, machinery.	e approved	l drawing a	nd at location	ons directed
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	14282	RCC M-25	cum	100.00	5200.00	520000.00
2	14283	RCC M-30	cum	50.00	5220.00	261000.00
					Total	781000.00
ltem- 66	bridge s with 450 it is buil	ng and constructing of Reinforced cement concrete crash b structures and medians, constructed with specified grade c 0 mm long at expansion joints filled with pre-moulded asph t and installed as per design and dimensions in the approv er, all as specified as per clause 809 of MoRT&H specificat	oncrete usi alt filler boa ed drawing	ing mechai ard, keyed 1 and at loc	nical mixer a to the struct ations direc	and vibrator ture on which ted by the
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	14353	RCC M-35	cum	2200.00	5790.00	12738000.00
1	1				Total	12738000.00
1 Item- 71	Providir (spun) and joir	RCC M-35 ng, lowering, laying in trenches, aligning, fixing in position a Ductile iron ISI marked K-9 grade pipes as per IS:8329-200 ting material) complete including all material, labour, hydra cal Specifications and as per direction of Engineer	nd double 00 (amende	flanged (w ed upto dat	Total elded) centr te), (includir	12738000.00 rifugally ng jointing
ltem- 71 S No.	Providir (spun) and joir	ng, lowering, laying in trenches, aligning, fixing in position a Ductile iron ISI marked K-9 grade pipes as per IS:8329-200 ting material) complete including all material, labour, hydra	nd double 00 (amende	flanged (w ed upto dat	Total elded) centr te), (includir	12738000.00 rifugally ng jointing
	Providir (spun) and joir Technic Item	ng, lowering, laying in trenches, aligning, fixing in position a Ductile iron ISI marked K-9 grade pipes as per IS:8329-200 (ting material) complete including all material, labour, hydra (cal Specifications and as per direction of Engineer)	nd double 00 (amende aulic testing	flanged (w ed upto dat g and comr	Total elded) centr te), (includir nissioning a	12738000.00 ifugally ig jointing s per
	Providir (spun) I and joir Technic Item No	ng, lowering, laying in trenches, aligning, fixing in position a Ductile iron ISI marked K-9 grade pipes as per IS:8329-200 ting material) complete including all material, labour, hydra cal Specifications and as per direction of Engineer Description of Item	nd double 00 (amende aulic testing Unit	flanged (w ed upto dat and comr Qty	Total elded) centr te), (includir nissioning a Rate	12738000.00 ifugally ng jointing s per Amount
S No .	Providir (spun) l and joir Technic Item No 1962 Providir PE-100	ng, lowering, laying in trenches, aligning, fixing in position a Ductile iron ISI marked K-9 grade pipes as per IS:8329-200 ting material) complete including all material, labour, hydra cal Specifications and as per direction of Engineer Description of Item	nd double 00 (amende aulic testing Unit Metre g at all leve upto date)	flanged (w ed upto dat g and comr Qty 50.00 el/ depths I in trenche	Total elded) centr te), (includir nissioning a Rate 3490.00 Total SI marked F s in complet	12738000.00 ifugally ng jointing s per Amount 174500.00 174500.00 HDPE pipes of te including
S No .	Providir (spun) l and joir Technic Item No 1962 Providir PE-100	ng, lowering, laying in trenches, aligning, fixing in position a Ductile iron ISI marked K-9 grade pipes as per IS:8329-200 ting material) complete including all material, labour, hydra cal Specifications and as per direction of Engineer Description of Item 150 mm ng, lowering, laying, aligning, fixing in position at and jointin grade & PN-6 for potable water as per IS 4984 (amended	nd double 00 (amende aulic testing Unit Metre g at all leve upto date)	flanged (w ed upto dat g and comr Qty 50.00 el/ depths I in trenche	Total elded) centr te), (includir nissioning a Rate 3490.00 Total SI marked F s in complet	12738000.00 ifugally ng jointing s per Amount 174500.00 174500.00 HDPE pipes of te including
S No. 1 Item- 72 S No.	Providir (spun) l and joir Technic Item No 1962 Providir PE-100 all mate Item	ng, lowering, laying in trenches, aligning, fixing in position a Ductile iron ISI marked K-9 grade pipes as per IS:8329-200 ting material) complete including all material, labour, hydra cal Specifications and as per direction of Engineer Description of Item 150 mm ng, lowering, laying, aligning, fixing in position at and jointin grade & PN-6 for potable water as per IS 4984 (amended rial, labour, testing and commissioning as per Technical S	nd double 00 (amende aulic testing Unit Metre g at all leve upto date) pecification	flanged (w ed upto dat and comr Qty 50.00 el/ depths I in trenche is and as p	Total elded) centr te), (includir nissioning a Rate 3490.00 Total SI marked H s in complet er direction Rate	12738000.00 ifugally ng jointing s per Amount 174500.00 174500.00 1DPE pipes of te including of Engineer.
S No. 1 Item- 72 S No.	Providir (spun) I and joir Technic Item No 1962 Providir PE-100 all mate Item No	ng, lowering, laying in trenches, aligning, fixing in position a Ductile iron ISI marked K-9 grade pipes as per IS:8329-200 ting material) complete including all material, labour, hydra cal Specifications and as per direction of Engineer Description of Item 150 mm ng, lowering, laying, aligning, fixing in position at and jointin grade & PN-6 for potable water as per IS 4984 (amended rial, labour, testing and commissioning as per Technical S Description of Item	nd double 00 (amende aulic testing Unit Metre g at all leve upto date) pecification Unit	flanged (w ed upto dat g and comr Qty 50.00 el/ depths I in trenche is and as p Qty	Total elded) centr te), (includir nissioning a Rate 3490.00 Total SI marked H s in complet er direction Rate 218.00	12738000.00 ifugally ng jointing s per Amount 174500.00 174500.00 IDPE pipes of te including of Engineer. Amount
S No.	Providir (spun) I and joir Technic Item No 1962 Providir PE-100 all mate Item No 19141	ng, lowering, laying in trenches, aligning, fixing in position a Ductile iron ISI marked K-9 grade pipes as per IS:8329-200 ting material) complete including all material, labour, hydra cal Specifications and as per direction of Engineer Description of Item 150 mm ng, lowering, laying, aligning, fixing in position at and jointin grade & PN-6 for potable water as per IS 4984 (amended rial, labour, testing and commissioning as per Technical S Description of Item 90 mm dia	nd double 00 (amende aulic testing Unit Metre g at all leve upto date) pecification Unit Metre	flanged (w ed upto dat and comr Qty 50.00 el/ depths I in trenche is and as p Qty 1000.00	Total elded) centr te), (includir nissioning a Rate 3490.00 Total SI marked H s in complet er direction Rate 218.00	12738000.00 ifugally ng jointing s per Amount 174500.00 174500.00 IDPE pipes of te including of Engineer. Amount 218000.00
S No. 1 Item- 72 S No. 1 2	Providir (spun) I and joir Technic Item No 1962 Providir PE-100 all mate Item No 19141 19145	ng, lowering, laying in trenches, aligning, fixing in position a Ductile iron ISI marked K-9 grade pipes as per IS:8329-200 ting material) complete including all material, labour, hydra cal Specifications and as per direction of Engineer Description of Item 150 mm ng, lowering, laying, aligning, fixing in position at and jointin grade & PN-6 for potable water as per IS 4984 (amended rial, labour, testing and commissioning as per Technical S Description of Item 90 mm dia	nd double 00 (amende aulic testing Unit Metre g at all leve upto date) pecification Unit Metre Metre	flanged (w ed upto dat g and comr Qty 50.00 el/ depths I in trenche is and as p Qty 1000.00 1000.00	Total elded) centr te), (includir nissioning a Rate 3490.00 Total SI marked H s in complet er direction Rate 218.00 664.00	12738000.00 ifugally ng jointing s per Amount 174500.00 174500.00 1DPE pipes of te including of Engineer. Amount 218000.00 664000.00
S No. 1 Item- 72 S No. 1 2	Providir (spun) l and joir Technic Item No 1962 Providir PE-100 all mate Item No 19141 19145 19149 Steel w	ng, lowering, laying in trenches, aligning, fixing in position a Ductile iron ISI marked K-9 grade pipes as per IS:8329-200 ting material) complete including all material, labour, hydra cal Specifications and as per direction of Engineer Description of Item 150 mm ng, lowering, laying, aligning, fixing in position at and jointin grade & PN-6 for potable water as per IS 4984 (amended rial, labour, testing and commissioning as per Technical S Description of Item 90 mm dia	nd double 00 (amende aulic testing Unit Metre g at all leve upto date) pecification Unit Metre Metre Metre Metre	flanged (w ed upto dat and comr Qty 50.00 el/ depths I in trenche s and as p Qty 1000.00 1000.00 60.00	Total elded) centr te), (includir nissioning a Rate 3490.00 Total SI marked F s in complet er direction Rate 218.00 664.00 1610.00 Total	12738000.00 ifugally ag jointing s per Amount 174500.00 174500.00 174500.00 10PE pipes of te including of Engineer. Amount 218000.00 664000.00 96600.00 978600.00
S No. 1 Item- 72 S No. 1 2 3	Providir (spun) l and joir Technic Item No 1962 Providir PE-100 all mate Item No 19141 19145 19149 Steel w	ng, lowering, laying in trenches, aligning, fixing in position a Ductile iron ISI marked K-9 grade pipes as per IS:8329-200 ting material) complete including all material, labour, hydra cal Specifications and as per direction of Engineer Description of Item 150 mm 150 mm ng, lowering, laying, aligning, fixing in position at and jointin grade & PN-6 for potable water as per IS 4984 (amended rial, labour, testing and commissioning as per Technical S Description of Item 90 mm dia 160 mm dia 250 mm dia	nd double 00 (amende aulic testing Unit Metre g at all leve upto date) pecification Unit Metre Metre Metre Metre	flanged (w ed upto dat and comr Qty 50.00 el/ depths I in trenche s and as p Qty 1000.00 1000.00 60.00	Total elded) centr te), (includir nissioning a Rate 3490.00 Total SI marked F s in complet er direction Rate 218.00 664.00 1610.00 Total	12738000.00 ifugally ag jointing s per Amount 174500.00 174500.00 174500.00 10PE pipes of te including of Engineer. Amount 218000.00 664000.00 96600.00 978600.00
S No. 1 Item- 72 S No. 1 2 3 Item- 74	Providir (spun) l and joir Technic Item No 1962 Providir PE-100 all mate Item No 19141 19145 19149 Steel w priming Item	ng, lowering, laying in trenches, aligning, fixing in position a Ductile iron ISI marked K-9 grade pipes as per IS:8329-200 ting material) complete including all material, labour, hydra cal Specifications and as per direction of Engineer Description of Item 150 mm ng, lowering, laying, aligning, fixing in position at and jointin grade & PN-6 for potable water as per IS 4984 (amended rial, labour, testing and commissioning as per Technical S Description of Item 90 mm dia 160 mm dia 250 mm dia 250 mm dia	nd double 00 (amende aulic testing Unit Metre g at all leve upto date) pecification Unit Metre Metre Metre Metre Metre g, hoisting required. Unit	flanged (w ed upto dat g and comr Qty 50.00 el/ depths I in trenche is and as p Qty 1000.00 1000.00 60.00	Total elded) centr te), (includir nissioning a Rate 3490.00 Total SI marked H s in complet er direction Rate 218.00 664.00 1610.00 Total position and Rate	12738000.00 ifugally ag jointing s per Amount 174500.00 174500.00 174500.00 174500.00 06 Engineer. Amount 218000.00 96600.00 978600.00 applying a
S No. 1 Item- 72 S No. 1 2 3 Item- 74	Providir (spun) l and joir Technic 1962 Providir PE-100 all mate Item No 19141 19145 19149 Steel w priming Item No	ng, lowering, laying in trenches, aligning, fixing in position a Ductile iron ISI marked K-9 grade pipes as per IS:8329-200 ting material) complete including all material, labour, hydra cal Specifications and as per direction of Engineer Description of Item 150 mm ng, lowering, laying, aligning, fixing in position at and jointin grade & PN-6 for potable water as per IS 4984 (amended rial, labour, testing and commissioning as per Technical S Description of Item 90 mm dia 160 mm dia 250 mm dia cork welded in built up sections/ framed work including cuttin coat of approved steel primer using structural steel etc. as Description of Item In gratings, frames, guard bar, ladder, railings, brackets,	nd double 00 (amende aulic testing Unit Metre g at all leve upto date) pecification Unit Metre Metre Metre Metre Metre g, hoisting required. Unit	flanged (w ed upto dat and comr Qty 50.00 el/ depths I in trenche is and as p Qty 1000.00 1000.00 60.00	Total elded) centr te), (includir nissioning a Rate 3490.00 Total SI marked H s in complet er direction Rate 218.00 664.00 1610.00 Total position and Rate	12738000.00 ifugally ag jointing s per Amount 174500.00 174500.00 174500.00 1DPE pipes of te including of Engineer. Amount 218000.00 96600.00 978600.00 applying a Amount
S No. 1 Item- 72 S No. 1 2 3 Item- 74	Providir (spun) l and joir Technic Item No 1962 Providir PE-100 all mate Item No 19141 19145 19149 Steel w priming Item No 29252 Cheque mixed v	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	nd double 00 (amende aulic testing Unit Metre g at all leve upto date) pecification Unit Metre Metre Metre Metre Metre Metre Metre Metre Metre Metre Metre	flanged (w ed upto dat and comr Qty 50.00 el/ depths I in trenche is and as p Qty 1000.00 1000.00 60.00 i, fixing in p Qty 3200.00	Total elded) centr te), (includir nissioning a Rate 3490.00 Total SI marked H s in complet er direction Rate 218.00 664.00 1610.00 Total position and Rate 88.50 Total vith neat cer	12738000.00 ifugally ig jointing s per Amount 174500.00 174500.00 174500.00 174500.00 174500.00 218000.00 96600.00 96600.00 978600.00 978600.00 978600.00 283200.00 283200.00 ment slurry
S No. 1 Item- 72 S No. 1 2 3 Item- 74 S No. 1 1	Providir (spun) l and joir Technic Item No 1962 Providir PE-100 all mate Item No 19141 19145 19149 Steel w priming Item No 29252 Cheque mixed v	In g, lowering, laying in trenches, aligning, fixing in position a Ductile iron ISI marked K-9 grade pipes as per IS:8329-200 ting material) complete including all material, labour, hydra and Specifications and as per direction of Engineer Description of Item 150 mm In grade & PN-6 for potable water as per IS 4984 (amended rial, labour, testing and commissioning as per Technical S Description of Item 90 mm dia 160 mm dia 250 mm dia 160 mm dia 250 mm dia In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. rred precast cement concrete tiles 22 mm thick in footpath	nd double 00 (amende aulic testing Unit Metre g at all leve upto date) pecification Unit Metre Metre Metre Metre Metre Metre Metre Metre Metre Metre Metre	flanged (w ed upto dat and comr Qty 50.00 el/ depths I in trenche is and as p Qty 1000.00 1000.00 60.00 i, fixing in p Qty 3200.00	Total elded) centr te), (includir nissioning a Rate 3490.00 Total SI marked H s in complet er direction Rate 218.00 664.00 1610.00 Total position and Rate 88.50 Total vith neat cer	12738000.00 ifugally ig jointing s per Amount 174500.00 174500.00 174500.00 174500.00 174500.00 218000.00 96600.00 96600.00 978600.00 978600.00 978600.00 283200.00 283200.00 ment slurry

					Total	1221000.00
	Providin	g and fixing on wall face Unplasticised Rigid PVC rain wate	er pipes co	nforming to	b IS : 13592	Type A
ltem- 76		g jointing with seal ring conforming to IS : 5382 leaving 10		-		
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	31412	110 mm diameter	Metre	3000.00	220.00	660000.00
					Total	660000.00
Item- 77	Finishin	g walls wit Acrylic Smooth exterior paint of required shade				
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	32351	New work (two or more coat applied @ 1.67 ltr./10 sqm over and including base coat of water proofing cement paint applied @ 2.20 kg / 10 sqm.)		19390.00		1493030.00
	1				Total	1493030.00
Item- 78		g with Epoxy paint (two or more coats) at all locations prep ations including appropriate priming coat, preparation of su				cturer's
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	32411	On steel work	Sqm	50.00	118.00	5900.00
2	32412	On concrete work	Sqm	100.00	122.00	12200.00
					Total	18100.00
Item- 79	Painting	with synthetic enamel paint of approved brand and manu	facturer of	required co	olour to give	even shade.
	Item	Description of Item	Unit	Qty	Rate	Amount
S No.	No	·				
S No .		Two or more coats on new work	Sqm	350.00	66.50	23275.00
	No 32501 Cleanin nallah/d	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by	/e pass wa	l and garba	Total age in existin 5m lift from g	23275.00 ng ground level
1 Item- 81	No 32501 Cleanin nallah/d and lead includin side as	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Makin per the directed of the Engineer.	ng materia /e pass wa nping out o ng access	I and garba iter with 1.5 or bailing ou for disposa	Total age in existii 5m lift from (ut of water is I and dressi	ng ground level s required, ng disposal
1	No 32501 Cleanin nallah/d and lead includin	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Makin per the directed of the Engineer. Description of Item	ng materia /e pass wa nping out o	I and garba Iter with 1.5 or bailing or	Total age in existin 5m lift from g ut of water is	23275.00 ng ground level s required,
1 Item- 81	No 32501 Cleanin nallah/d and lead includin side as Item	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Makin per the directed of the Engineer.	ng materia /e pass wa nping out o ng access	I and garba iter with 1.5 or bailing ou for disposa	Total age in existin 5m lift from g ut of water is I and dressi Rate	23275.00 ng ground level s required, ng disposal
1 Item- 81 S No.	No 32501 Cleanin nallah/d and lead includin side as Item No	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Makin per the directed of the Engineer. Description of Item	ng materia ye pass wa nping out o ng access Unit	I and garba tter with 1.5 or bailing of for disposa	Total age in existin 5m lift from g ut of water is I and dressi Rate	23275.00 ng ground level s required, ng disposal Amount
1 Item- 81 S No.	No 32501 Cleanin nallah/d and lead includin side as Item No 35221	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Makin per the directed of the Engineer. Description of Item	ng materia ye pass wa nping out o ng access Unit cum	I and garba ter with 1.5 or bailing ou for disposa Qty 1500.00 for 30 days	Total age in existin om lift from g ut of water is and dressi Rate 286.00 Total s or more til	23275.00 ng ground level s required, ng disposal Amount 429000.00 429000.00
1 Item- 81 S No.	No 32501 Cleanin nallah/d and lead includin side as Item No 35221	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Makin per the directed of the Engineer. Description of Item Depth upto 1.50 m g with 'Doobs' grass including watering and maintenance of	ng materia ye pass wa nping out o ng access Unit cum	I and garba ter with 1.5 or bailing ou for disposa Qty 1500.00 for 30 days	Total age in existin om lift from g ut of water is and dressi Rate 286.00 Total s or more til	23275.00 ng ground level s required, ng disposal Amount 429000.00 429000.00
1 Item- 81 S No. 1 Item- 85	No 32501 Cleanin nallah/d and lead includin side as Item No 35221 Grassin forms a Item	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Makin per the directed of the Engineer. Description of Item Depth upto 1.50 m g with 'Doobs' grass including watering and maintenance of thick lawn free from weeds and fit for moving including su	ng materia ye pass wa nping out o ng access Unit cum of the lawn oplying goo	I and garba tter with 1.5 or bailing of for disposa Qty 1500.00 for 30 day: od earth if r	Total age in existin om lift from g ut of water is and dressi Rate 286.00 Total s or more til needed.	23275.00 ng ground level s required, ng disposal Amount 429000.00 429000.00
1 Item- 81 S No. 1 Item- 85 S No.	No 32501 Cleanin nallah/d and lead includin side as Item No 35221 Grassin forms a Item No	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Makin per the directed of the Engineer. Description of Item Depth upto 1.50 m g with 'Doobs' grass including watering and maintenance of thick lawn free from weeds and fit for moving including su Description of Item	ng materia ye pass wa nping out o ng access Unit cum of the lawn oplying goo Unit	I and garba ater with 1.5 or bailing ou for disposa Qty 1500.00 for 30 days od earth if r Qty	Total age in existin om lift from g ut of water is and dressi Rate 286.00 Total s or more til needed. Rate	23275.00 ng ground level s required, ng disposal Amount 429000.00 429000.00 I the grass Amount
1 Item- 81 S No. 1 Item- 85 S No.	No 32501 Cleanin nallah/d and lead includin side as Item No 35221 Grassin forms a Item No 39122	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Makin per the directed of the Engineer. Description of Item Depth upto 1.50 m g with 'Doobs' grass including watering and maintenance of thick lawn free from weeds and fit for moving including su Description of Item	ng materia ye pass wa nping out o ng access Unit cum of the lawn oplying goo Unit Sqm uty access	I and garba ater with 1.5 or bailing ou for disposa Qty 1500.00 for 30 days od earth if r Qty 200.00 cories in su	Total age in existin om lift from g ut of water is and dressi Rate 286.00 Total s or more til needed. Rate 26.00 Total rface /reces	23275.00 ag ground level s required, ag disposal Amount 429000.00 429000.00 Ithe grass Amount 5200.00 5200.00 sed using
1 Item- 81 S No. 1 Item- 85 S No. 1	No 32501 Cleanin nallah/d and lead includin side as Item No 35221 Grassin forms a Item No 39122	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Makin per the directed of the Engineer. Description of Item Depth upto 1.50 m g with 'Doobs' grass including watering and maintenance of thick lawn free from weeds and fit for moving including su Description of Item In rows 7.5 cm apart in either direction owing sizes of ISI marked steel conduit along with heavy d	ng materia ye pass wa nping out o ng access Unit cum of the lawn oplying goo Unit Sqm uty access	I and garba ater with 1.5 or bailing ou for disposa Qty 1500.00 for 30 days od earth if r Qty 200.00 cories in su	Total age in existin om lift from g ut of water is and dressi Rate 286.00 Total s or more til needed. Rate 26.00 Total rface /reces	23275.00 ag ground level s required, ag disposal Amount 429000.00 429000.00 Ithe grass Amount 5200.00 5200.00 sed using
1 Item- 81 S No. 1 Item- 85 S No. 1 Item- 92	No 32501 Cleanin nallah/d and lead includin side as Item No 35221 Grassin forms a Item No 39122 S&F foll saddles Item	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Makin per the directed of the Engineer. Description of Item Depth upto 1.50 m g with 'Doobs' grass including watering and maintenance of thick lawn free from weeds and fit for moving including sup Description of Item In rows 7.5 cm apart in either direction owing sizes of ISI marked steel conduit along with heavy d , clamps, fasteners as required including cutting the wall a	ng materia ye pass wa nping out o ng access Unit cum of the lawn oplying goo Unit Sqm uty access nd making	I and garba tter with 1.5 or bailing of for disposa Qty 1500.00 for 30 days od earth if r Qty 200.00 cories in su good the s	Total age in existin om lift from g ut of water is and dressi Rate 286.00 Total s or more til needed. Rate 26.00 Total rface /reces same as req Rate	23275.00 ag ground level s required, ang disposal Amount 429000.00 429000.00 I the grass Amount 5200.00 5200.00 sed using uired.
1 Item- 81 S No. 1 Item- 85 S No. 1 Item- 92 S No.	No 32501 Cleanin nallah/d and lead includin side as Item No 35221 Grassin forms a Item No 39122 S&F foll saddles Item No	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Makin per the directed of the Engineer. Description of Item g with 'Doobs' grass including watering and maintenance of thick lawn free from weeds and fit for moving including su Description of Item In rows 7.5 cm apart in either direction owing sizes of ISI marked steel conduit along with heavy d , clamps, fasteners as required including cutting the wall a Description of Item	ng materia ye pass wa nping out o ng access Unit cum of the lawn oplying goo Unit Sqm uty access nd making Unit	I and garba tter with 1.5 or bailing of for disposa Qty 1500.00 for 30 days od earth if r Qty 200.00 cories in su good the s Qty	Total age in existin om lift from g ut of water is and dressi Rate 286.00 Total s or more til needed. Rate 26.00 Total rface /reces same as req Rate	23275.00 ag ground level s required, ag disposal Amount 429000.00 429000.00 1 the grass Amount 5200.00 5200.00 sed using uired. Amount
1 Item- 81 S No. 1 Item- 85 S No. 1 Item- 92 S No.	No 32501 Cleanin nallah/d and lead includin side as Item No 35221 Grassin forms a Item No 39122 S&F foll saddles Item No 4345	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Makin per the directed of the Engineer. Description of Item g with 'Doobs' grass including watering and maintenance of thick lawn free from weeds and fit for moving including su Description of Item In rows 7.5 cm apart in either direction owing sizes of ISI marked steel conduit along with heavy d , clamps, fasteners as required including cutting the wall a Description of Item	ng materia ye pass wa nping out o ng access Unit cum of the lawn oplying goo Unit Sqm uty access nd making Unit Metre	I and garba tter with 1.5 or bailing of for disposa Qty 1500.00 for 30 days od earth if r Qty 200.00 cories in su good the s Qty 200.00 cories In Su	Total age in existin om lift from g ut of water is and dressi Rate 286.00 Total s or more til needed. Rate 26.00 Total rface /reces same as req Rate 298.00 Total arked (IS:65	23275.00 ag ground level s required, ag disposal Amount 429000.00 429000.00 429000.00 1 the grass Amount 5200.00 5200.00 5200.00 59600.
1 Item- 81 S No. 1 Item- 85 S No. 1 Item- 92 S No. 1	No 32501 Cleanin nallah/d and lead includin side as Item No 35221 Grassin forms a Item No 39122 S&F foll saddles Item No 4345	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Makin per the directed of the Engineer. Description of Item Depth upto 1.50 m g with 'Doobs' grass including watering and maintenance of thick lawn free from weeds and fit for moving including su Description of Item In rows 7.5 cm apart in either direction owing sizes of ISI marked steel conduit along with heavy d , clamps, fasteners as required including cutting the wall a Description of Item 50 mm Group 1 ng and drawing FR PVC insulated & unsheathed flexible con nd approved make in existing surface or recessed conduit	ng materia ye pass wa nping out o ng access Unit cum of the lawn oplying goo Unit Sqm uty access nd making Unit Metre	I and garba tter with 1.5 or bailing of for disposa Qty 1500.00 for 30 days od earth if r Qty 200.00 cories in su good the s Qty 200.00 cories In Su	Total age in existin om lift from g ut of water is and dressi Rate 286.00 Total s or more til needed. Rate 26.00 Total rface /reces same as req Rate 298.00 Total arked (IS:65	23275.00 ag ground level s required, ag disposal Amount 429000.00 429000.00 429000.00 1 the grass Amount 5200.00 5200.00 5200.00 59600.
1 Item- 81 S No. 1 Item- 85 S No. 1 Item- 92 S No. 1 Item- 92	No 32501 Cleanin nallah/d and lead includin side as Item No 35221 Grassin forms a Item No 39122 S&F foll saddles Item No 4345	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Making per the directed of the Engineer. Depth upto 1.50 m g with 'Doobs' grass including watering and maintenance of thick lawn free from weeds and fit for moving including sup Description of Item In rows 7.5 cm apart in either direction owing sizes of ISI marked steel conduit along with heavy d , clamps, fasteners as required including cutting the wall a Description of Item 50 mm Group 1 ng and drawing FR PVC insulated & unsheathed flexible conduit equired. Description of Item	ng materia ye pass wa nping out o ng access Unit cum of the lawn oplying goo Unit Sqm uty access nd making Unit Metre	I and garba ter with 1.5 or bailing of for disposa Qty 1500.00 for 30 day od earth if r Qty 200.00 cories in su good the s Qty 200.00 cories In Su good the s	Total age in existin on lift from g ut of water is and dressi Rate 286.00 Total s or more til needed. Rate 26.00 Total rface /reces same as req Rate 298.00 Total narked (IS:65 ding making Rate	23275.00 Ag ground level s required, ng disposal Amount 429000.00 429000.00 429000.00 1 the grass Amount 5200.00 5200.00 sed using uired. Amount 59600.00 59600.00 64) of 1.1 kV connections
1 Item- 81 S No. 1 Item- 85 S No. 1 Item- 92 S No. 1 Item- 93 S No.	No 32501 Cleanin nallah/d and lead includin side as Item No 35221 Grassin forms a Item No 39122 S&F foll saddles Item No 4345 Supplyin grade a etc. as n Item No	Two or more coats on new work g and removal of earth, silt, sludge, kankar, boulder, buildi rains including construction of bye pass arrangement to by d upto 50 m including foul & saturated condition where pur g shoring, shutteringwhere required and dewatering. Makin per the directed of the Engineer. Description of Item Depth upto 1.50 m g with 'Doobs' grass including watering and maintenance of thick lawn free from weeds and fit for moving including su Description of Item In rows 7.5 cm apart in either direction owing sizes of ISI marked steel conduit along with heavy d , clamps, fasteners as required including cutting the wall a Description of Item 50 mm Group 1 ng and drawing FR PVC insulated & unsheathed flexible co nd approved make in existing surface or recessed conduit required.	ng materia ye pass wa nping out o ng access Unit cum of the lawn oplying goo Unit Sqm Unit Sqm Unit Metre opper cond /casing cap	I and garba tter with 1.5 or bailing of for disposa Qty 1500.00 for 30 day od earth if r Qty 200.00 cories in su good the s Qty 200.00 cories In Su good the s Qty 200.00	Total age in existin om lift from g ut of water is and dressi Rate 286.00 Total s or more til needed. Rate 26.00 Total rface /reces same as req Rate 298.00 Total arked (IS:68 ding making Rate 36.00	23275.00 ag ground level s required, ag disposal Amount 429000.00 429000.00 429000.00 1 the grass Amount 5200.00 5200.00 5200.00 59600.00 59600.00 59600.00 64) of 1.1 kV connections Amount

	8828(1	0/415 V MCB of breaking capacity not less than 10 KA (B/ 996)]/ conforming to IEC 60898 in existing board/sheets in required.Double pole MCB		•	,	
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	46121	6 A to 32 A rating group 1	Each	100.00	488.00	48800.00
					Total	48800.00
ltem- 95	painted IS8623	cessed/ Surface mounting heavy duty horizontal type she complete with copper bus bar, shorting link ,neutral link, e including making internal DB terminations with copper lug Per phase isolation	earth link ar	nd din bar, d	conforming	to IS13032 &
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	46562	2+12 Way	Each	6.00	9750.00	58500.00
					Total	58500.00
ltem- 96	income bar, cor	cessed/ surface mounting heavy duty Vertical type sheet s r, phophatised ,powder painted complete with insulated co nforming to IS13032 & IS8623 including making internal D d Double door (Three phase)	pper bus b	ar , neutral	link, earth li	ink and din
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	461024	12 Way	Each	6.00	8740.00	52440.00
					Total	52440.00
ltem- 97		thermoplastic/ PVC cable junction boxes of following minin d cable glands made of polyamide material, terminals con			P55 protecti	on including
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	48224	150 x 110 x 70 (mm)) (10 Sq. mm)	Each	20.00	642.00	12840.00
Item- 98 S No.	cm thicl	-1/1554-1 approved make in ground as per IS:1255 includ k under layer of sand, IInd class bricks covering, refilling e tion, testing etc. as required of size. Description of Item	-			
3 110.	No	Description of item		Giy	nate	Amount
1	51121	4.0 Sq.mm 2 core group-2	Metre	700.00	104.00	
2	51143	10.0 Sq.mm 4 core group-2	Metre			72800.00
3	51164		_	9280.00	149.00	
		25 Sq.mm 4 core, group-I	Metre	250.00	149.00 221.00	1382720.00 55250.00
	51174	35.0 Sq.mm 3.5 core, group-I	Metre Metre	250.00 100.00	149.00 221.00 245.00	1382720.00 55250.00 24500.00
5	51184	35.0 Sq.mm 3.5 core, group-1 50Sq mm 3.5 core group-2	Metre Metre Metre	250.00 100.00 4500.00	149.00 221.00 245.00 263.00	1382720.00 55250.00 24500.00 1183500.00
5	51184 511114	35.0 Sq.mm 3.5 core, group-I 50Sq mm 3.5 core group-2 120Sqmm 3.5 core group-2	Metre Metre Metre Metre	250.00 100.00 4500.00 2500.00	149.00 221.00 245.00 263.00 505.00	1382720.00 55250.00 24500.00 1183500.00 1262500.00
5	51184 511114	35.0 Sq.mm 3.5 core, group-1 50Sq mm 3.5 core group-2	Metre Metre Metre	250.00 100.00 4500.00	149.00 221.00 245.00 263.00 505.00 834.00	1382720.00 55250.00 24500.00 1183500.00 1262500.00 3477780.00
5 6 7 Item- 99	51184 511114 511134 P & Lay in grour refilling	35.0 Sq.mm 3.5 core, group-1 50Sq mm 3.5 core group-2 120Sqmm 3.5 core group-2 185Sq mm 3.5 core group-1 ing XLPE insulated IS:7098/II/85 of approved make H.T.c. ind including excavation of 30cmx100cm size trench, 25cm earth, compaction of earth, making necessary connection	Metre Metre Metre Metre Metre able for wor layer of riv testing etc	250.00 100.00 4500.00 2500.00 4170.00 *king voltag er sand, Ilr .as require	149.00 221.00 245.00 263.00 505.00 834.00 Total Je 11 K.V.Ea nd class bric d of size.	1382720.00 55250.00 24500.00 1183500.00 1262500.00 3477780.00 7459050.00 Irthed direct ks covering,
5 6 7	51184 511114 511134 P & Lay in groun	35.0 Sq.mm 3.5 core, group-I 50Sq mm 3.5 core group-2 120Sqmm 3.5 core group-2 185Sq mm 3.5 core group-1 ing XLPE insulated IS:7098/II/85 of approved make H.T.c. nd including excavation of 30cmx100cm size trench, 25cm	Metre Metre Metre Metre Metre able for wor layer of riv	250.00 100.00 4500.00 2500.00 4170.00 rking voltag er sand, Ilr	149.00 221.00 245.00 263.00 505.00 834.00 Total je 11 K.V.Ea nd class bric	1382720.00 55250.00 24500.00 1183500.00 1262500.00 3477780.00 7459050.00 Irthed direct
5 7 Item- 99 S No.	51184 511114 511134 P & Lay in groun refilling Item	35.0 Sq.mm 3.5 core, group-1 50Sq mm 3.5 core group-2 120Sqmm 3.5 core group-2 185Sq mm 3.5 core group-1 ing XLPE insulated IS:7098/II/85 of approved make H.T.c. ind including excavation of 30cmx100cm size trench, 25cm earth, compaction of earth, making necessary connection	Metre Metre Metre Metre Metre able for wor layer of riv testing etc	250.00 100.00 4500.00 2500.00 4170.00 *king voltag er sand, Ilr .as require	149.00 221.00 245.00 505.00 834.00 Total ge 11 K.V.Ea nd class bric d of size. Rate 1280.00	1382720.00 55250.00 24500.00 1183500.00 1262500.00 3477780.00 7459050.00 rthed direct ks covering, Amount 2304000.00
S No .	51184 51114 511134 P & Lay in groun refilling Item No 5317 Providir suitable	35.0 Sq.mm 3.5 core, group-1 50Sq mm 3.5 core group-2 120Sqmm 3.5 core group-2 185Sq mm 3.5 core group-2 185Sq mm 3.5 core group-1 ing XLPE insulated IS:7098/II/85 of approved make H.T.c. ind including excavation of 30cmx100cm size trench, 25cm earth, compaction of earth, making necessary connection Description of Item 3 core 185.0 Sq.mm ing & making heat shrinkable type indoor/outdoor/straight the for XLPE insulated 11 KV cable, with required component	Metre Metre Metre Metre Metre able for wor layer of riv testing etc Unit Metre	250.00 100.00 4500.00 2500.00 4170.00 rking voltag er sand, Ilr .as require Qty 1800.00	149.00 221.00 245.00 505.00 834.00 Total ge 11 K.V.Ea d class bric d of size. Rate 1280.00 Total int kit of app	55250.00 24500.00 1183500.00 1262500.00 3477780.00 7459050.00 rthed direct ks covering, Amount 2304000.00 2304000.00 proved make
5 7 7 Item- 99 S No.	51184 51114 511134 P & Lay in groun refilling Item No 5317 Providir suitable	35.0 Sq.mm 3.5 core, group-1 50Sq mm 3.5 core group-2 120Sqmm 3.5 core group-2 185Sq mm 3.5 core group-1 ing XLPE insulated IS:7098/II/85 of approved make H.T.c. ind including excavation of 30cmx100cm size trench, 25cm earth, compaction of earth, making necessary connection Description of Item 3 core 185.0 Sq.mm ing & making heat shrinkable type indoor/outdoor/straight the	Metre Metre Metre Metre Metre able for wor layer of riv testing etc Unit Metre	250.00 100.00 4500.00 2500.00 4170.00 rking voltag er sand, Ilr .as require Qty 1800.00	149.00 221.00 245.00 505.00 834.00 Total ge 11 K.V.Ea d class bric d of size. Rate 1280.00 Total int kit of app	1382720.00 55250.00 24500.00 1183500.00 1262500.00 3477780.00 7459050.00 rthed direct ks covering, Amount 2304000.00 2304000.00 proved make
5 6 7 Item- 99 S No. 1 Item- 100	51184 51114 511134 P & Lay in groun refilling Item No 5317 Providir suitable required Item	35.0 Sq.mm 3.5 core, group-1 50Sq mm 3.5 core group-2 120Sqmm 3.5 core group-2 185Sq mm 3.5 core group-1 ing XLPE insulated IS:7098/II/85 of approved make H.T.c. ind including excavation of 30cmx100cm size trench, 25cm earth, compaction of earth, making necessary connection Description of Item 3 core 185.0 Sq.mm ing & making heat shrinkable type indoor/outdoor/straight the for XLPE insulated 11 KV cable, with required component of following sizes .	Metre Metre Metre Metre Metre able for wor layer of riv testing etc Unit Metre	250.00 100.00 4500.00 2500.00 4170.00 rking voltag er sand, Ilr .as require Qty 1800.00 ninations/jo tion of cable	149.00 221.00 245.00 505.00 834.00 Total ge 11 K.V.Ea nd class bric d of size. Rate 1280.00 Total int kit of app e ends, testi	1382720.00 55250.00 24500.00 1183500.00 1262500.00 3477780.00 7459050.00 rthed direct ks covering, Amount 2304000.00 2304000.00 proved make ng etc. as

Closing Date/Time: 05/04/2021 15:00

					Total	88080.00
ltem- 102		ing following size earth wire/strip in horizontal or vertical ru ig, saddles, making connection etc. as required.	n in ground	d/surface/	recess inclu	ding riveting,
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	5545	8 SWG G.I. Wire	Metre	250.00	8.00	2000.00
					Total	2000.00
ltem- 103	powder aluminiu ignitor,	P-65 protected street light luminaire on existing bracket suit coated single piece die cast aluminium housing, electroche um reflector, heat resistant and toughened glass cover and capacitor, holder prewired up to terminal block etc. as requ ired (without lamp)	emically bri I accessori	ightened a es like cop	nd anodized per ballast,	I POT optics electronic
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	5933	1 X 250 Watt group-I	Each	20.00	5740.00	114800.00
					Total	114800.00
ltem- 104	P&Fh	igh pressure sodium vapour/ High pressure mercury vapou	ur/ Metal ha	alide/ halog	en lamp as	required
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	591213	HPSV Elliptical lamp normal output 250 watt group-I	Each	50.00	578.00	28900.00
					Total	28900.00
S No.	pole sha	ongitudinal seam weld and hot dipped galvanised internally all have a weatherproof flush door and locking arrangemen tified by the manufacturers for satisfactory supply, erection Description of Item	nts. The co	mplete wor	k shall be s	upervised
5 NO.	No	Description of item	Unit	Giy	nate	Amount
1	59214	10 Mtr. Group 1	Each	120.00	19600.00	2352000.00
					Total	2352000.00
ltem- 106		Erection and Fixing of hot dipped galvanised Overhang (6) er the existing poles	0 X 3.25 m	m) with ca	p (250 x 137	7.9 x 4.05
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	59221	Single arm overhang group 1	Each	120.00	935.00	112200.00
					Total	112200.00
ltem- 107	piece pi NICHIA compar having (65/ IP-66 protected street light luminaries on existing brack ressure die cast aluminium housing with heat dissipation fir / OSRAM/ PHILIPS make. Diffuser /glass cover for ensuring tment, system lumen output of 1500-8500 high power LED efficiency more than 85 % and in compliance to IEC standa initial lumens maintained. Fixture shall be in CE compliance	ns on hous g IP-65 pro . Integrate urds. System ce.	ing with hig otection for d driver sh	h power LE lamp and co all be high e	Ds of CREE/ ontrol gear fficiency
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	593414	IP-65 protected LED street light luminaries LED street light fixture 110-120 watt group-I	Each	120.00	43000.00	5160000.00
					Total	5160000.00
ltem- 108	requirer	and erection of P.C.C./R.C.C. pole as per REC manual no nent of sec3 in alignment, including excavation of pit and b .45m consolidating each deposited layer of 0.45m by ramn	ack filling v	with stone	aggregate/b	oulders and
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	6032	9.0 Mtr long as per Discom specification	Each	8.00	3220.00	25760.00
					Total	25760.00
ltem- 109	includin	and erection of GI stay set as per Discom specification con g stay clamps turn buckle and G.I stay wire tightened throu g excavation of pit-re-filling etc as reqd.				

	Item No	Description of Item	Unit	Qty	Rate	Amount
1	6042	Stay set of dia 16mm,1.8m long stay rod and anchor plate 300x300x6.4mm	Each	16.00	785.00	12560.00
					Total	12560.00
ltem- 110	existing	ng and drawing overhead steel core Aluminium conductor of cross arms through insulator with all necessary T&P requi te in all respect as required as per Discom specification.				
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	6095	100sqmm of (6/4.72 mm+1/1.57 mm) (Dog)	Metre	100.00	89.00	8900.00
			•	•	Total	8900.00
ltem- 111		and fixing 11kV Disc insulator (IS 731/ 1971) with minimum including all accessories like hot dipped GI spindle and nur				
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	60181	B & S type hardware & insulator	Each	15.00	965.00	14475.00
2	60182	T & C type hardware & insulator	Each	30.00	650.00	19500.00
	•		•		Total	33975.00
ltem- 118	holding	thermoplastic/ PVC cable junction boxes (United/ HPL mak the box, cost of DIN rail for MCB mounting, connectors for f polyamide material etc. complete in all respect.	,	•	•	•
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	60315	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		10.00	650.00	6500.00
		etc. complete as per technical specification of DISCOM.				
					Total	6500.00
ltem- 119	insulato and ren		ACSR cond	f the road	ard wires, st or in the pla	ay wire, nt premises
ltem- 119 S No.	insulato and ren	etc. complete as per technical specification of DISCOM. tling of existing LT/HTelectric lines including poles/towers, rs and other electrical items of the pole coming along the a noval and transportation as well as disposal of all the items	ACSR cond	f the road	ard wires, st or in the pla	ay wire, nt premises
S No.	insulato and ren (Service Item	etc. complete as per technical specification of DISCOM. tling of existing LT/HTelectric lines including poles/towers, rs and other electrical items of the pole coming along the a noval and transportation as well as disposal of all the items eable material or can-dum material.)	ACSR cond lignment o as per the Unit Each	f the road direction c	ard wires, si or in the pla of engineer i	tay wire, nt premises ncharge. Amount
	insulato and ren (Service Item No	etc. complete as per technical specification of DISCOM. tling of existing LT/HTelectric lines including poles/towers, is rs and other electrical items of the pole coming along the anoval and transportation as well as disposal of all the items eable material or can-dum material.) Description of Item Dismantling of 33KV Lattice Tower (580 kg/520kg) with all accessories brackets, tophamper, chakri, V-Cross	ACSR cond alignment o as per the Unit Each Each	f the road direction c Qty	ard wires, sl or in the pla of engineer i Rate 3000.00	nt premises ncharge.
S No. 1 2	insulato and ren (Service Item No 7111	etc. complete as per technical specification of DISCOM. tling of existing LT/HTelectric lines including poles/towers, is and other electrical items of the pole coming along the anoval and transportation as well as disposal of all the items able material or can-dum material.) Description of Item Dismantling of 33KV Lattice Tower (580 kg/520kg) with all accessories brackets, tophamper, chakri, V-Cross arms guard bracket, stay, insulators (pin /disc) etc. 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)	ACSR cond alignment o as per the Unit Each Each	f the road direction of Qty 2.00	ard wires, sl or in the pla of engineer i Rate 3000.00	tay wire, nt premises ncharge. Amount 6000.00 24000.00
S No. 1 2 3	insulato and ren (Service Item No 7111 7116	etc. complete as per technical specification of DISCOM. tling of existing LT/HTelectric lines including poles/towers, is and other electrical items of the pole coming along the anoval and transportation as well as disposal of all the items able material or can-dum material.) Description of Item Dismantling of 33KV Lattice Tower (580 kg/520kg) with all accessories brackets, tophamper, chakri, V-Cross arms guard bracket, stay, insulators (pin /disc) etc. 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)	ACSR cond lignment o as per the Unit Each Each Metre	f the road direction of Qty 2.00 20.00	ard wires, si or in the pla of engineer i Rate 3000.00 1200.00	ay wire, nt premises ncharge. Amount 6000.00 24000.00 2400.00
S No. 1 2 3	insulato and ren (Service 7111 7116 7119	etc. complete as per technical specification of DISCOM. tling of existing LT/HTelectric lines including poles/towers, is and other electrical items of the pole coming along the anoval and transportation as well as disposal of all the items bable material or can-dum material.) Description of Item Dismantling of 33KV Lattice Tower (580 kg/520kg) with all accessories brackets, tophamper, chakri, V-Cross arms guard bracket, stay, insulators (pin /disc) etc. 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) Dismantling and rerolling of 11KV conductor any type Dismantling and reinstallation of 11KV Feeder pillar box	ACSR cond lignment o as per the Unit Each Each Metre	f the road direction of Qty 2.00 20.00 300.00	ard wires, sl or in the pla of engineer i Rate 3000.00 1200.00 8.00	tay wire, nt premises ncharge. Amount 6000.00 24000.00 24000.00
S No . 1 2 3 4	insulato and ren (Service Item No 7111 7116 7119 71113 Fabrica the ACS	etc. complete as per technical specification of DISCOM. tling of existing LT/HTelectric lines including poles/towers, is and other electrical items of the pole coming along the anoval and transportation as well as disposal of all the items bable material or can-dum material.) Description of Item Dismantling of 33KV Lattice Tower (580 kg/520kg) with all accessories brackets, tophamper, chakri, V-Cross arms guard bracket, stay, insulators (pin /disc) etc. 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) Dismantling and rerolling of 11KV conductor any type Dismantling and reinstallation of 11KV Feeder pillar box	ACSR cond alignment of as per the Unit Each Each Metre Each	f the road direction of 2.00 20.00 300.00 8.00 cessary re	ard wires, si or in the pla of engineer i Rate 3000.00 1200.00 1200.00 3000.00 Total quired items	tay wire, nt premises ncharge. Amount 6000.00 24000.00 24000.00 24000.00 56400.00 s for stringing
S No. 1 2 3 4	insulato and ren (Service Item No 7111 7116 7119 71113 Fabrica the ACS	etc. complete as per technical specification of DISCOM. tling of existing LT/HTelectric lines including poles/towers, and other electrical items of the pole coming along the anoval and transportation as well as disposal of all the items eable material or can-dum material.) Description of Item Dismantling of 33KV Lattice Tower (580 kg/520kg) with all accessories brackets, tophamper, chakri, V-Cross arms guard bracket, stay, insulators (pin /disc) etc. 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) Dismantling and reinstallation of 11KV Feeder pillar box any type tion supply and erection of new 11 KV line poles structuress CR conductors insulators, V - cross arms, chakri, top hamper, earting service lines of service connections.	ACSR cond alignment of as per the Unit Each Each Metre Each	f the road direction of 2.00 20.00 300.00 8.00 cessary re s, stay and	ard wires, si or in the pla of engineer i Rate 3000.00 1200.00 1200.00 3000.00 Total quired items	tay wire, nt premises ncharge. Amount 6000.00 24000.00 24000.00 56400.00 s for stringing
S No. 1 2 3 4 Item- 120	insulato and ren (Service Item No 7111 7116 7119 71113 71113 Fabrica the ACS reconne Item No	etc. complete as per technical specification of DISCOM. tling of existing LT/HTelectric lines including poles/towers, is and other electrical items of the pole coming along the anoval and transportation as well as disposal of all the items able material or can-dum material.) Description of Item Dismantling of 33KV Lattice Tower (580 kg/520kg) with all accessories brackets, tophamper, chakri, V-Cross arms guard bracket, stay, insulators (pin /disc) etc. 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) Dismantling and reinstallation of 11KV Feeder pillar box any type tion supply and erection of new 11 KV line poles structures SR conductors insulators, V - cross arms, chakri, top hamper ection of existing service lines of service connections. Description of Item	ACSR cond alignment of as per the Unit Each Each Each Each Each	f the road direction of 2.00 20.00 300.00 8.00 cessary re	ard wires, si or in the pla of engineer i Rate 3000.00 1200.00 1200.00 3000.00 Total quired items other items	ay wire, nt premises ncharge. Amount 6000.00 24000.00 24000.00 24000.00 56400.00 56400.00 56400.00 for stringing including Amount
S No. 1 2 3 4 Item- 120	insulato and ren (Service Item No 7111 7116 7119 71113 71113 Fabrica the ACS reconne Item	etc. complete as per technical specification of DISCOM. tling of existing LT/HTelectric lines including poles/towers, and other electrical items of the pole coming along the anoval and transportation as well as disposal of all the items eable material or can-dum material.) Description of Item Dismantling of 33KV Lattice Tower (580 kg/520kg) with all accessories brackets, tophamper, chakri, V-Cross arms guard bracket, stay, insulators (pin /disc) etc. 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) Dismantling and reinstallation of 11KV Feeder pillar box any type tion supply and erection of new 11 KV line poles structuress CR conductors insulators, V - cross arms, chakri, top hamper, earting service lines of service connections.	ACSR cond alignment of as per the Unit Each Each Each Each Each	f the road direction of 2.00 20.00 300.00 8.00 cessary re s, stay and	ard wires, si or in the pla of engineer i Rate 3000.00 1200.00 1200.00 8.00 3000.00 Total quired items other items	tay wire, nt premises ncharge. Amount 6000.00 24000.00 24000.00 56400.00 56400.00 56400.00

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ltem- 127	as per r aggrega	tling and re - erection of P.C.C./R.C.C. pole as per REC ma equirement of sec3 in alignment, including excavation of p ate/boulders and soil in 0.45m consolidating each deposite e in all respect	it and back	filling with	stone	
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	7212	9.0 Mtr long as per Discom specification	Each	8.00	813.00	6504.00
					Total	6504.00
ltem- 128		tling and re-fixing11kV Disc insulator (IS 731/ 1971) with m bracket including all accessories like hot dipped GI spindle				
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	72161	B & S type insulator with hardware	Each	35.00	300.00	10500.00
2	72162	T & C type insulator with hardware	Each	60.00	165.00	9900.00
					Total	20400.00
Schedule	Schedu	le B-NS ITEMS				
Item- 3	Detailed	I Design and Drawing Preparation Consultancy work for R	ОВ			
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	1	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, Approaches, Launching Scheme, Super Structure and		1.00	220100.00	220100.00

				Total	324920.00
2	2	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)	1.00	104820.00	104820.00
		consultant approved by DFCCIL and approved Clients and Railways for Foundation, Sub-Structure, Approaches, Launching Scheme, Super Structure and any leftover part for ROB. (Upon issue of completion certificate this item will be considered)			

4. ELIGIBILITY CONDITIONS

Special Financial Criteria

S.No.	Description	Confirmation Required		Documents Uploading
1	Financial Eligibility Criteria: The tenderer must have received contractual payments in the previous three financial years and the current financial year up to the date of inviting of tender, at least 150% of the advertised value of the tender. The tenderers shall submit Certificates to this effect which may be an attested Certificate from the concerned department / client and/or Audited Balance Sheet duly certified by the Chartered Accountant /Certificate from Chartered Accountant duly supported by Audited Balance Sheet. Note: Client certificate from other than Govt. Organization should be duly supported by Form 16A/26AS generated through TRACES of Income Tax Department of India. Note: Contractual payment received by a Member in an earlier JV shall be reckoned only to the extent of the concerned member's share in that JV for the purpose of satisfying compliance of the above mentioned financial eligibility criteria in the tender under consideration	No	No	Allowed (Mandatory)

Special Technical Criteria

S.No.	Description	Confirmation	Remarks	Documents
		Required	Allowed	Uploading

Tender No: All-EN-WC-ROB-LC108-20-21

1	Technical Eligibility Criteria The tenderer must have successfully completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: Three similar works, each costing not less than the amount equal to30% of advertised value of the tender, or Two similar works, each costing not less than the amount equal to 40% of advertised value of the tender, or One similar work, each costing not less than the amount equal to 60% of advertised value of the tender. Note:- The similar nature of work defined is "construction of Bridge/ROB/ Viaduct of Railway / Metro Railway / Road with minimum one span of composite /open web/plate girder".	No	No	Allowed (Mandatory)
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Special Financial Criteria

S.No.	Description	Confirmation Required		Documents Uploading
1	Financial Eligibility for JV- The JV shall satisfy the requirement of "Financial Eligibility" mentioned at para 10.2 above. The "financial capacity" of the lead partner of JV shall not be less than 51% of the financial eligibility criteria mentioned at para 10.2 above. The arithmetic sum of individual "financial capacity" of all the members shall be taken as JV's "financial capacity" to satisfy this requirement. Note: Contractual payment received by a Member in an earlier JV shall be reckoned only to the extent of the concerned member's share in that JV for the purpose of satisfying compliance of the above mentioned financial eligibility criteria in the tender under consideration	No	No	Allowed (Mandatory)

Special Technical Criteria

S.No.	Description	Confirmation Required		Documents Uploading
1	Technical Eligibility Criteria for JV (a' or 'b' mentioned hereunder): (a) For Works without composite components The technical eligibility for the work as per para 10.1 above, shall be satisfied by either the 'JV in its own name & style' or 'any member having min 26% share'. Each other member of JV shall have technical capacity of minimum 10% of the cost of work i.e., each JV member must have satisfactorily completed during the last 07 (seven) years, ending last day of month previous to the one in which tender is invited, one similar single work for a minimum of 10% of advertised value of the tender. (b) For works with composite components (i)The technical eligibility for each component of work as per para 10.1 above, shall be satisfied by either the 'JV in its own name & style' or 'any member of JV having min 26% share'. Each other member of JV shall have technical capacity of minimum 10% of the cost of any component of work i.e., each JV member must have satisfactorily completed during the last 07 (seven) years, ending last day of month previous to the one in which tender is invited, one similar single work for a minimum of 10% of cost of any component of work. OR (ii) The technical eligibility for major component of work as per para 10.1 above, shall be satisfied by either the 'JV in its own name & style' or 'any member of JV having min 26% share' and technical eligibility for other components of work as per para 10.1 above, shall be satisfied by either the 'JV in its own name & style' or 'any member of JV having min 26% share' and technical eligibility for other components of work as per para 10.1 above, shall be satisfied by either the 'JV in its own name & style' or 'any member of JV having min 26% share' and technical eligibility for other components of work as per para 10.1 above, shall be satisfied by either the 'JV in its own name & style' or 'any member of JV having min 26% share' and technical eligibility for other components of work as per para 10.1 above, shall be satisfied by either the 'JV in i	No	No	Allowed (Mandatory)

5. COMPLIANCE

Check Lst

S.No.	Description	Confirmation Required		Documents Uploading
1	As per mentioned in Tender Document.	No	No	Not Allowed

Commercial-Compliance

S.No.	Description	Confirmation	Remarks	Documents
		Required	Allowed	Uploading

Tender No: All-EN-WC-ROB-LC108-20-21

1	As per mentioned in Tender Document.	No	No	Allowed (Mandatory)
2	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

General Instructions

S.No.		Confirmation Required		Documents Uploading
1	As per mentioned in Tender Document.	No	No	Not Allowed

Special Conditions

S.No.		Confirmation Required		Documents Uploading
1	As per mentioned in Tender Document.	No	No	Not Allowed

Technical-Compliances

S.No.		Confirmation Required		Documents Uploading
1	As per mentioned in Tender Document.	No	No	Allowed (Mandatory)

Undertakings

S.No.		Confirmation Required		Documents Uploading
1	As per mentioned in Tender Document.	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	UploadROB-108.pdf	TENDER DOCUMENT

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

Signed By: SUKH PAL SINGH

Designation : DYPMROB