Tender No: CKP-GUS-FLS-E-22-23-2

DRM/ENGG/CKP acting for and on behalf of The President of India invites E-Tenders against Tender No CKP-GUS-FLS-E-22-23-2 Closing Date/Time 02/01/2023 15:30 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.

1. NIT HEADER

Name of Work	and S&T work, preparation of detail bridges, major bridges, ROB/RUB, F and all other ancillary works for (A) Padphar /Dongoaposi down grid to grid of Adityapur-Gamharia section (Chandil) end (Item No. 32) (5.0 Km	raffic survey, submission of comprehensive estimate along with Alignment Plan, YardPl FOB, level crossing drawings, Hydrological & Flyover at A-cabin of Bondamunda (Item No Dongoaposi 3rd line/Joint line (5.0 Km) (Iter to Birarajpur (Item No. 28) (5.0 Km); (D) Fly I); (E) Bypass at Padapahar (Bolanikhadan urisdiction of CPM/GS/CKP of S.E. Railway.	an, drawing for minor & Geotechnical Investigation (5.31) (5.0 Km); (B) Flyover n No. 28); (C) Flyover Up rover Birarajpur to Kandra					
Bidding type	Normal Tender	rmal Tender						
Tender Type	Limited	Bidding System	Single Packet System					
Tender Closing Date Time	02/01/2023 15:30	Date Time Of Uploading Tender	16/12/2022 16:32					
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable					
Advertised Value	5338908.33	Tendering Section	EAST					
Bidding Style	Single Rate for Each Schedule Item	Bidding Unit						
Earnest Money (Rs.)	106800.00	Validity of Offer (Days)	60					
Tender Doc. Cost (Rs.)	0.00	Period of Completion	3 Months					
Contract Type	Works	Contract Category	Expenditure					
Bidding Start Date	19/12/2022	Are Joint Venture (JV) firms allowed to bid	Yes					
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Revenue					

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
	A-Execution of a ks & Materials)	1762694.15						
1	Please see Ite	m Breakup for	details.		4290881.57	(-) 58.92	1762694.15	Above/ Below/Par
	Description:- Please see Item Breakup for details.							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
	edule B-Execution of all works except chapter 19 of S.E. Railway Unified Standard Schedule of Rates rks & Materials)-2010 with all correction slips up to date.							
2	Please see Iter	Please see Item Breakup for details.				(-) 50.00	115885.68	Above/ Below/Par
	Description:- Please see Item Breakup for details.							
S.No. Item Code Item Qty Qty Unit Unit Rate Basic Value Escl.(%) Amount Bidding Unit								

5.110.	item code	nem ary	aly onit		Dasic value	ESCI.(%)	Amount	Blaaring Unit
Schedule (hedule C-Special Items							
3	Please see Item Breakup for details.				3460328.50	AT Par	3460328.50	Above/ Below/Par
	Description:-	Item Breakup	for details					

3. ITEM BREAKUP

Schedule		A-Execution of all works covered under chapter 19 of S.E. Railway Unified S)-2010 with all correction slips up to date.	tandard Sch	edule of R	ates (Works	8 &				
Item- 1	Please see Item Breakup for details.									
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount				
		Exploratory drilling of Boreholes down to required depth, drilling of 150mm diameter boreholes in all type of soils except hard rock and large boulders (boulder core more than 30 cm), including refilling and reinstating surface, and disposing off surplus material including use of mechanical rigs with power operated winches as well as percussion / chieselling tool for advancing through occasional seams of hard strata to be employed, where necessary in Dry area								
1	191011	0m to 10m	Metre	990.00	1161.50	1149885.00				
2	191012	10m to 20m	Metre	300.00	1277.65	383295.00				
3	191013	20m to 30m	Metre	78.00	1393.80	108716.40				
4	191014	30m to 40m	Metre	30.00	1451.88	43556.40				
5	191015	40m to 50m	Metre	22.00	1533.18	33729.96				
6	191030	Extra for 150mm dia bore in hard Rock/ large Boulder at all levels	Metre	22.00	5226.75	114988.50				

4	033063	PPC	Tonne	18.00	5635.00 Total	101430.0 231771.3
4	033063	PPC	Tonne	18.00	5635.00	101430.0
		Supply and using cement at worksite :	-		I	
3	031063	Columns, pillars, posts and struts & miscellaneous parts	Sqm	132.00	266.87	35226.8
		Centering and shuttering including strutting, propping etc. and removal of form work for :				
2	031051	All works upto Plinth level	cum	36.00	1754.79	63172.4
		Providing and laying in position cement concrete of M 20 grade, excluding the cost of cement and of centering and shuttering, as per direction of the Engineer in charge :		<u>. </u>	I	
	031023	1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size)	cum	18.00	1774.56	31942.0
		Providing and laying cement concrete, up to plinth in retaining walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc, excluding the cost of cement and of shuttering, centering.				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
Item- 2	Please se	e Item Breakup for details.				
Schedule		B-Execution of all works except chapter 19 of S.E. Railway Unified Standard rrection slips up to date.	Schedule o	or Hates (W	orks & Mate	rials)-2010
	Calcol		Oala U. I		Total	4290881.5
31	191170	Conducting chemical analysis of soil samples to determine aggressiveness in relation to attack on concrete / reinforcement including determination of pH value	Each	13.00	3891.03	50583.3
30	191160	Conducting chemical analysis of ground water samples to determine suitability for concreting a n d aggressiveness in relation to attack on concrete / reinforcement including determination of pH value	Each	13.00	2903.75	37748.7
29	191157	Abrasion testing	Each	8.00	2323.00	18584.0
27 28	191155 191156	Modulus of elasticity	Each Each	7.00	1393.80 6039.80	19513.2 42278.6
6	191154	Unconfined compression test Point load test	Each	14.00 14.00	1858.40	26017.
5	191153	Hardness	Each	65.00	348.45	22649.
4	191152	Water absorption & Porosity	Each	65.00	290.38	18874.
3	191151	Density test	Each	130.00	387.17	50332.
	-	Conducting Laboratory tests on collected ROCK SAMPLES as per relevant IS code				
2	191149	Tri-axial test	Each	100.00	2323.00	232300.0
1	191148	Unconfined compression test	Each	100.00	2323.00	232300.
0	191147	Consolidation test	Each	100.00	2323.00	232300.0
9	191146	Natural density	Each	250.00	309.73	77432.
8	191145	Direct Shear Test	Each	250.00	2293.96	573490.0
7	191144	Grain size analysis including Hydrometer analysis	Each	250.00	569.14	142285.0
6	191143	Specific Gravity	Each	250.00	309.73	77432.
5	191142	Atterberg Limit	Each	250.00	696.90	174225.0
4	191141	Moisture contents/ Dry density	Each	250.00	290.38	72595.0
		Conducting laboratory Tests on collected soil samples as per relevant IS code				
13	191130	Collection of water samples at required intervals	Each	74.00	174.23	12893.0
2	191120	Conducting standard penetration test as per IS 2131 at approximate1.5 m intervals in bore holes, as directed by the Engineer in charge	Each	180.00	174.23	31361.4
1	191110	holes, including provision of air tight containers for packing, labelling and transporting the samples to laboratory. Samples shall be collected as per IS 2720		130.00	110.15	13099.0
4	101110	bore holes, including provision of air tight containers for packing and, labelling incl. transporting the samples to laboratory. Piston sampler shall be used for extracting undisturbed samples where necessary. Samples shall be collected as per IS 2720 Taking out 100mm dia & 450mm long disturbed samples of soil from bore	Feeb	100.00	116.15	15099.5
0	191100	Taking out 100mm dia & 450mm long undisturbed samples of soil from	Each	244.00	116.15	28340.6
	191090	Conducting determination of California Bearing Ratio as per IS 2720	Each	14.00	3484.50	48783.0
	191060	Conducting in situ Vane shear test for soil as per IS 4434	Each	48.00	1858.40	89203.2
	191051	situ concrete footing as per codal provisions including excavation and refilling of trial pit a. Plate size 30 cm x 30 cm	Each	7.00	18584.00	130088.0
		Conducting in situ full size Plate load test (PLT) at selected location as per IS: 1888 including making loading arrangements & casting of RCC/cast in				

Item- 3 S No.	Item No	kup for details Description of Item	Unit	Otv	Rate	Amount
		•		Qty		
	1	Conducting Final Location Survey along with preparation & submission of	Kilometre	30.00	18816.65	564499.5
		Long-section, and plan, of the existing & proposed alignment showing				
		chainages, OGL, existing Rail level & formation level, proposed Rail level &				
		formation level, detail of all existing & proposed bridges, stations, yards,				
		L.C's, land boundaries on both sides(to be verified at site as well as from				
		local state authorities, for which no extra payment is admissible), existing &				
		proposed gradient, Curves, electrical installations like OHE, TSS, SP, SSP,				
		signaling installations with cable route plan/diagram and other salient				
		features/structures (on both side of track) etc. for the project. The work to				
		be carried out with latest theodolite/total station, Levelling instruments &				
		any other latest accessories as required. Shifting and fixing bench mark to				
		be done & permanently marked at site at maximum 500 m interval, all the				
		curves should be transitioned as per IRPWM. LSection and plans should be				
		1:5000 scale or as instructed by Railways.Rail levels for L section should be				
		taken at 20 m interval, cross section should be taken at 20m interval				
		(however closer intervals to be adopted as required). List of bench marks,				
		list of level crossings, list & detail of minor and major bridiges with				
		hydrological data, ROB's, RUB's, list of tunnels if any, proposed retaining				
		walls,toewalls,list of curves, list of gradients, list of over head crossing, list				
		of kutcha and pucca structure, encroachments affecting the Railway				
		alignment and any other infringements affecting works to be submitted with				
		the project report as per relevant paras of Engineering Code (1999				
		edition, reprinted on 2004) and submission of report in 10 copies for the				
		project. Work is to be conducted as per Railway latest codes and as per				
		direction of Railway Representative and also as per terms of reference				
		mentioned in the tender document."The work also includes assesment of				
		quantities of all items likely to be involved for execution of work(including				
		submission of cross sections), estimation of project cost on the basis of				
		assessed quantities for completion of the project including the Electrical,				
		TRD & Signal and Telecommunication work. Payment schedule:Payment				
		schedule:- (a) 60% payment shall be made on completion of work and				
		submission of related documents (b) balance 40% after approval of DPR				
		from Railway. Note :- " (a) Conducting detailed survey as per				
		provision/requirment given in ENGINEERING CODE (Indian Railways Code				
		For The Engineering Department-latest revision)." (b) Peging out of				
		alignment in straight and on curves should be done as per relevant para of				
		Engineering code including setting out of curves with transition etc. Working				
		out quantities of E/W, bridges including ROB's, RUB's & L-xings etc. and				
		submission of ducments as per relevant paras of Engineering codes with				
		schematic diagram of station yard and Yard Plan (ESP). (c) Planting of				
		concrete pillers of size 15cm x 15cm x 90cm in 1:2:4 cement concrete				
		proportion at every 100m interval as per Para 427E at any location as				
		directed by Engineer -in-charge of the work with contractor's materials,				
		labour, tools and plants including taxes and royalities. (d) Planting of				
		concrete pillers of size 30cm x 30cm x 90 cm in 1:2:4 cement concrete				
		proportion at every 500m interval and at the tangent point of curves as per				
		para 428E COMPLETE DESCRIPTION OF THE ITEM IS AVAILABLE IN				
		DOCUMENT TAB(DOC1) and Srl. No. 4 & 5 in Technical Compliances				

Tender No: CKP-GUS-FLS-E-22-23-2

Closing Date/Time: 02/01/2023 15:30

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2	2	"Preparation of land plan for the project on tracing cloth (in 4 copies) and Kilom	metre 30.00	6368.18	191045.40
		one copy in tracing paper for processing Acquisition of land. The rate shall			
		include arranging Mouza sheet/village map in three copies (to be submitted			
		with plan). The rate shall also include demarcating Railway proposed			
		boundary (Boundary to be fixed as per Railway Engineering code or as per			
		direction of engineer at site) by fixing CC pillars of M20 of size 15cm x			
		15cm x 60cm by embedding it in ground at not more than 50m interval on			
		both boundary or as per direction of engineer in site. The rate should be			
		including arrangement of vehicle for survey, surveyor or Amin, calculation			
		of land area plot wise and category-wise or any other detail required for			
		filling land application for forest/govt./pvt. land. The rate should include all			
		tools, instruments and stationary etc. required for the work. Rate includes			
		any rectification of submitted drawing till it is finally approved. "(i) If the L.A.			
		plan is prepared by Auto-CAD, soft copy of the same also has to be			
		submitted. ii) Latest original Mouza Map to be collected by contractor at his			
		own cost and the same to be submitted is soft copy and hard copy. iii) Area			
		of each plot which will be acquired that to be mentioned in tabulation form			
		in LA Plan as per guide line of Rly Engg Code or instruction of engineer in			
		charge. (iv) submission of List and details of structures in proposed land to			
		be acquired. (v) submission of List and details of trees required to be felled			
		in proposed land to be acquired. vi) All tools and plans required for this			
		work to be supplied by contractor. (vii) The contractor shall engage one			
		retired "Amin"" at his own cost to facilitate in above work of preparation of			
		land plans and land schedules with site verification in coordination with			
		State's Land Revenue Office. (viii) Planting of land boundary pillers to done			
		by the agency after physical acquisition of land. (ix) Payment of ABOVE			
		Item shall be made as follows : (i) On submission of Land Plans - 60			
		percentage of accepted rate. (ii) After verification of land plan by			
		Competent authority - 20 percentage of accepted rate. (iii) After plantation			
		of land boundary piller - 20 percentage of accepted rate.			
3	3	Detailed study for hydrographic survey, hydraulic data etc. for deciding Each	n 6.00	21397.71	128386.26
		hydrological parameters, span arrangements, requirement of linear			
		waterway and preparation of layout drawings, including its review and span			
		arrangement. For Major Bridges of the project.Note:- The rate includes the			
		following items for each bridge site: (i) For each major bridge site: Carrying			
		out Hydrographic survey for a stretch of 5 km. i.e. 3 km upstream and 2 km			
		downstream of the proposed major bridge location by observing river cross-			
		sections at an interval of every 500m along with three additional cross			
		sections at the proposed bridge centre line and the other two at 50m			
		intervals with all spill channels upstream being shown on the plan. These			
		distances of 3km and 2km are to be taken as measured at right angles to			
		the centre line of the Railway and not along the course of the river. The			
		position of cross section of the riverbed should be marked on the survey			
		plan. The level of the highest known flood and ordinary low water should be			
		noted on each cross section. (ii) Investigation and collection of the following			
		data (for major bridges): (a) Topographical details, catchment area with its			
		shape (Oblong, fan etc.) and characteristics from the Survey of India maps.			
		"(b) Details of the course of the main stream and its tributaries. " (c)			
		Longitudinal slope of the main stream and average land slope of the			
		catchment from the contours (d) Nature of soil in the catchment (rocky,			
		sandy, loamy or clay etc.) (e) Extent of vegetation (forest, pasture,			
		cultivated, barren etc.) (f) Probable changes that may occur in the			
		catchment characteristics assessed by enquiries from the right sources. (g)			
		Changes in the course of the channel. (h) The nature of the material			
		through which the channel flows. (Whether it consists of boulder, gravel,			
		sand, clay or alluvium.) The description should be based also on actual			
		borehole particulars. (i) Bank erosion and bed scour observed at the bridge			
		site in the case of alluvial rivers and the nature of material transported. (j)			
		The maximum observed scour depth in the vicinity of the proposed bridge			
		crossing. (k) Full description of bridges (as given below) existing both			
		upstream and down stream from proposed crossing including relief and			
		overflow structures: (i) Type of bridge including span lengths and pier			
		orientation. (ii) Cross section near the structure, including the vertical			
		clearance from water level to soffit of superstructures and direction of the			
		current during floods. (iii) All available flood history-high water marks with			
		dates of occurrence, afflux observed, damages caused with sources of			
		information.(iv) Photographs of existing bridges, past floods, main channels			
		and flood plains and information as to nature of drift, stream bed and			
		Istability of banks. (I) Factors affecting water stage at the proposed pridder			
		stability of banks. (I) Factors affecting water stage at the proposed bridge site such as: (i) High flood levels of stream joining, (ii) Particulars of			
		site such as: (i) High flood levels of stream joining, (ii) Particulars of			
		site such as: (i) High flood levels of stream joining, (ii) Particulars of reservoirs and tanks existing or proposed to be constructed and			
		site such as: (i) High flood levels of stream joining, (ii) Particulars of			

	1.		. 1	a	
4		Submission of report of soil investigation for Deep Foundation of Bridges for Nu the project (soil testing will be conducted and paid under Schedule-B) Which shall include:- (i) Site plan showing position of Bore holes. (ii) Details longitudinal section of each bore hole showing the classification of soil in defferent strata and values of important parameters i.e. C,C, O, V, N value. (iii) The results of tests on various samples of each bore hole in proper tabular form (As per IRC-78-1983 Sh-2 & Railway sub-structure code). (iv) Calculation of Bearing capacity of soil and settlement of well foundation and pile foundation with specific design load. (v) Level of ground water table. (vI) IN case rock is encountered, classification & characteristic of rock,RQD,safe bearing capacity,foundation level should be mentioned. Nature of cleavage plane to be specified. (vii) Report should show recommendation of type of foundation with detail calculation for bearing capacity settlement & embedment in incompressible layer/rock as per latest BIS/IRC/IRS recommendations. (viii) Mode of Payment:(a)60 percent of the accepted rate will be paid on submission and acceptance of final copies.	umbers 6.0	0 46883.38	281300.28
5	5	"Submission of report of soil investigation for Embankment and Shallow Kill foundations for the project (soil testing will be conducted and paid under Schedule-B) Which shall include:- (i) Site plan showing position of Bore holes. (ii) Details longitudinal section of each bore hole showing the classification of soil in different strata and values of important parameters i.e. C,C, O, V, N value. (iii) The results of tests on various samples of each bore hole in proper tabular form (As per RDSO's guideline IRS 0004 & relavent codes of engineering department). (iv) Calculation of Bearing capacity of soil and settlement for shallow foundation and embankments with specific design load at each bore hole location. (v) Design calculations and analysis for failure and recommendation on ground improvement method required. (vi) Design of embankments and detail calculation of slope-stability analysis with sketches showing slip circle as per latest RDSO's guidelines as directed by Engineer in charge depending upon height of proposed bank and earth strata. (vii) Project wise separate Reports to be submitted along with soft copies. (viii) Mode of Payment:- (a)60 percent of the accepted rate will be paid on submission of draft copies. (b) 40 percent of the accepted rate will be paid on submission and acceptance of final copies.	lometre 30.0	0 850.95	25528.50
6	6	"Preparation of LWR / CWR and Weld Plans: For Continuously Welded Rail Kill (CWR) track for as much length as possible, for which the Contractor shall prepare the CWR plans for the approval of the Employer in accordance with the design principles/provisions contained i n I R LWR (Long Welded Rail) Manual based on approved Track Structure for the proect. The consultant shall submit advance copy of the Weld Plans o n white paper for approval of Employer. After the approval o f Employer, the Consultant shall submit drawings i n 3 (three) hard coloured copies on Polyester based tracing paper (100 to 150 Microns) and two soft copies on CD. The scope includes required corrections and modifications as suggested by approving authorities of Railways till its final approval. Required follow u p with various approving authorities including required explanations on various provisions/facilities in t h e ESP shall be arranged by consultant. Note: i) The colour scheme to be followed in the drawing shall be as per standard practice of IR. ii)Payment schedule:- (a) 60% payment shall be made on completion of work and submission of related documents (b) balance 40% after approval of DPR from Railway.	lometre 30.0	0 114.75	3442.50

Tender No: CKP-GUS-FLS-E-22-23-2

Closing Date/Time: 02/01/2023 15:30

7	7	Major Bridges / ROB : Preparation of the General Arrangement Drawing for all Major Bridge / ROB for Railway Line Corridor for the project through MX Rail/ AutoCAD for railway standards / formats based on finalized L - section for the proposed alignment, hydrological investigation & detailed geotechnical investigation carried out b y the consultant at proposed bridge locations, on good quality tracing paper and submitting the same to Railway administration for approval and carrying out the corrections as instructed by railway with all consultants own men, material, tools & plants, Computer systems etc., as directed b y Engineer i n charge. "Notes: 1) MAJOR BRIDGE GAD should incorporate (a) Sub structure details with type of construction, type o f foundation (pile / open / well foundation), depth of foundations, footing details / pile founds details, foundation pressure, abutments / pier details duly showing bore log details of sub soil along with details of every soil strata at every abutment & piers locations (b) Span arrangements with details of Bed level, HFL, VC, Free board, Scour depth, Rail level, formation level, Clear span, effective span, catchment area, Q50 discharge(c) Super structure details like type of structure (Steel / PSC), type girder / slab details, depth of construction, bearing details, wearing refuges,OHE installation, parapets / steel railings, inspection platforms with ladder arrangements, dirt walls, approach slab, back fill material a s per RDSO specifications, protective works such as wingwalls, bank toe walls, pitching, type of flooring / drop wall / curtain wall details as per scour depth & silt factor criteria. Payment schedule:- (a) 60% payment shall be made on completion of work and submission of related documents (b) balance 40%	12.00	11532.67	138392.04
8	8	after approval of DPR from Railway. "Preparation of the General Arrangement Drawing for all Minor bridges / SUBWAYs / FOBs for the project through MX Rail/AutoCAD for railway standards / formats based on finalized L - section for the proposed alignment, hydrological investigation & detailed geotechnical investigation carried out by the consultant at proposed bridge locations, on good quality tracing paper and submitting the same to Railway administration for approval and carrying out the corrections as instructed by railway with all consultants own men, material, tools & plants, Computer systems etc., as directed by Engineer in charge. Notes: 1) MINOR BRIDGE GAD should include incorporation of - a) Sub structure details with type of construction, type of foundation (pile / open), depth of foundations, footing details / pile founds details, foundation pressure, abutments / pier / Box details duly showing bore log details of sub soil along with details of every soil strata at every abutment & piers / Box locations b) Span arrangements with details of Bed level, HFL, Vertical clearence, Free Board, Scour depth, Rail level, formation level, Clear span, effective span, catchment area, Q50 discharge c) Super structure details like type of structure (Steel / PSC / RCC), type girder / slab / Box details, depth of construction, bearing details, wearing coat, track structure with cushion details. Payment schedule:- (a) 60% payment shall be made on completion of work and submission of related documents (b) balance 40% after approval of DPR from Railway.	65.00	5125.12	333132.80
9	9	"Preparation of GAD for station building, E.I.Cabins, sheds, Gate lodges or any other misc. drawings for the project as per standard Railway format in scale 1:50, 1:100 and supplying soft & hard copy as per instruction of Engineer-in-charge. Railway will supply the requirement. The rate shall be paid in the area of sheet. The size of sheet shall be given by Railways.The rate of each drawing is inclusive of submission of two draft copies with one soft copy for checking of Rlys.After checking the final copies to be submitted in Tracing paper(enclosed with two copies in paper print for which no payment is admissible).All drawings to be in latest Autocad version & two soft copy of each drawing to be submitted finally to Railways. Payment schedule:- (a) 60% payment shall be made on completion of work and submission of related documents (b) balance 40% after approval of DPR from Railway.	18.00	6009.74	108175.32
10	10	"Preparation of detailed Engineering Scale Plan (ESP) drawing, Preparation of Yard Plan diagram in A/4 or A/3 size including index plan & section with the help of contractor's good Theodolite/ Total station mentioning all the details like existing building, bridges, platform, infringement, proposed /new structure etc, as per standard Railway format in scale 1 :1000 or as directed by Engineer in charge .The rates includes all taxes etc. complete for the project. Note for payment: i) Submission of Engineering Scale Plan (ESP) of station yards including signature of Gati Shakti Unit officers: 80%. ii) Final Approval of ESPs by Railway: 20%.	12.00	10745.00	128940.00

	4.4		Kilon I		05000	777000
11	11	Conducting Aerial Topographical Survey using DGPS based integrated Drone i.e., PPK/RTK based Drone to capture essential ground features and	Kilometre	30.00	25909.77	777293.10
		assets and delivering the topographical information for 100 m width corridor				
		(50 m each side from the centre line) within an accuracy of Scm. 1. GCP				
		points establishment at every 2km paint marked o n the permanent				
		structure and 1 hr DGPS observation of the same. 2. TBM points				
		establishment at every 500 m on paint marked on permanent structures				
		and RTK survey of the same using the 2 km points as the base. 3. Collection of High Resolution Aerial Imagery of minimum 3 cm GSD using				
		survey grade DGPS integrated Drone i.e. PPK/RTK based Drone having on				
		board dual GNSS system and calibrated camera of 20 MP UAV Aerial				
		Photo Acquisition shall be done to cover the ROW. Suitable Overlapping:				
		minimum 70% forward and 50% side overlap shall b e maintained. Ensure				
		Image Quality: Clear/sharp imagery with good light condition. Images must				
		have XYZ co-ordinates and rotational information, sensor size, focal length				
		as meta data. This information must also be made available in a text file. 4. Ae r o triangulation using t h e professional photogrammetry software which				
		supports Stereo Capability to measure control points with highest precision				
		and rigorous bundle block adjustment for reliable mathematical calculation				
		and final results. This operation includes measuring a n d transferring a I I				
		tie, check, and control points appearing on all photographs manually; and				
		performing a least squares block adjustment. 5. 3D Topographical mapping				
		 p I a n data Capture - All topographical information including natural & manmade features t o b e captured. All the topographical features including 				
		Rail, track centreline, Platform, signal, Electrical mast, FOB, RUB, Station				
		Building, Other buildings, Utilities, land use, Roads, wall, Hydro features				
		were captured, (Extensive Layer list in CAD) The output is delivered in				
		DWG formate.				
12	12	"Conducting Traffic Survey for following projects as per latest Railway	Kilometre	30.00	8100.00	243000.00
		Board's guidelines vide letter No. 2022/Gatishakti/EU/49 New Delhi, dt.				
		19.08.2022 as per Chapter 3 of Engineering Code with latest version. The				
		work includes - 1) Conducting Traffic Demand Survey as detailed in Railway				
		Board's Letter No. 2022/Gatishakti/EU/49 New Delhi, Dt. 19.08.2022 as per				
		Chapter 3 of Engineering Code with latest version. 2) Calculating data required for calculation of various direct and indirect benifits as detailed in				
		Railway Board's Letter No. 2022/Gatishakti/EU/49 New Delhi, Dt.				
		19.08.2022. 3) Calculation of ENPV and EIRR. 4) Submission of detailed				
		report indicating the details of surveys undertaken and sources of various				
		data considered, for calculating ENVP and EIRR. Note:- Payment mode:				
		70% of payment shall be made after approval from Zonal HQ and balance				
		30% payment shall be made after approval from Railway Board.				
13	13	Detailed Project Report including Civil, S&T, Electrical works and Traffic	Kilometre	30.00	1239.76	37192.80
		survey report with Detailed Estimate: Preparation and submission of Detailed project report along with Detailed Estimate followinng detailed				
		procedure & guideline as given in Railway Board's letter No.				
		2022/WI/Gen/DPR Proforma (E-off:3404238), dt. 02.09.2022 and Engg				
		code. with rate analysis for each item and as directed by Engg- in-charge				
		with five hard copies and two soft copies after approval of concerned				
		CPM/GS. A complete rate analysis for each item duly comparing with the				
		LAR's available and obtaining market rates for each items incase of non				
		schedule item having no LAR's , along with submission of detailed calculation sheets for each item. "Payment schedule:- (a) 60% payment				
		shall be made on completion of work and submission of comprehensive				
		DPR and detail Estimate (b) balance 40% after approval of DPR from				
		Railway. Note for item No. 046 to 051: (i) The DPR to be submitted in two				
		volumes as under: (a) DPR (Vol-I): The Volume I of DPR should contain				
		Executive summary and chapters on various components as per the				
		Format attached as Annexure-A of Railway Board's letter No. 2022/W-				
		I/Gen/DPR Proforma (E-off: 3404238) dt. 02.09.2022). (b) DPR (Vol-II): The				
		Volume-II of DPR should contain detailed estimate of the project as per				
		Engineering code. (ii) For preparation of DPR & detail estimate guidelines				
		given in following Railway Board's letter (other than mentioned above) also to be followed: (a) Letter No. 2021/SIG/Estimates/DPR (e file-3363771) dt.				
		25.08.2022. (b) Letter No. 2021/RE/161/20 Misc. dt.23.08.2022, (c) Letter				
		No. 2018/E&R/3(2)/1 dt. 04.03.2020, (d) Letter No. 2022/Gatishakti/EU/49				
		dt. 19.08.2022, (e) Letter No. 2021/W-I/Genl./Gatishakti dt. 27.07.2022.				
14	14	"Preparation & submission of EPC Tender document for the project for all	Each	5.00	100000.00	500000.00
		works including Electrical,TRD and S & T works required for commisioning				
		of the section. The BOQ shall have to be prepared according to stage-wise				
		payment as given in Standard EPC documents for Railways (Standard				
		document is available in Railway Bd's web site or as directed by the				
		Engineer in charge. The latest document of EPC Tender has been				
		Engineer in charge. The latest document of EPC Tender has been circulated by Railway Bd vide Letter No. 2018/CE-I/CT/36-EPC Contract				
		Engineer in charge. The latest document of EPC Tender has been circulated by Railway Bd vide Letter No. 2018/CE-I/CT/36-EPC Contract Policy Pt I dt. 15.11.2021 with latest ammendment if any.) Payment				
		Engineer in charge. The latest document of EPC Tender has been circulated by Railway Bd vide Letter No. 2018/CE-I/CT/36-EPC Contract				

4. ELIGIBILITY CONDITIONS

Special Financial Criteria

S.No.		Confirmation Required		Documents Uploading
1	The firm should be borne on Approved List 1 (firms for undertaking consultancy services for Detailed Project Report etc.) as mentioned in letter by Railway Board vide letter No. 2022/CE-I/CT/07 Dt. 30.06.2022.		No	Allowed (Mandatory)

Special Technical Criteria

S.No.		Confirmation Required		Documents Uploading
1	The firm should be borne on Approved List 1 (firms for undertaking consultancy services for Detailed Project Report etc.) as mentioned in letter by Railway Board vide letter No. 2022/CE-I/CT/07 Dt. 30.06.2022.		No	Allowed (Mandatory)

Submission of Document Verification Certificate

S.No.		Confirmation Required		Documents Uploading
1	Please submit a certificate in the prescribed format (please download the format from the link given below) for verification / confirmation of the documents submitted for compliance of eligibility / qualifying criteria. Non submission of the certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall lead to summary rejection of your offer. (Click here to download the Format of Self Certificatio)		No	Allowed (Mandatory)

5. COMPLIANCE

Check Lst

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Checklists for submission of documents while submitting the tender.: It shall be mandatory to submit the following documents (relevant to the nature of the firm) along withoffer,failingwhich offer shall be summarily rejected.	No	No	Not Allowed
1.1	A certificate as per annexure-V enclosed in document tab.(This certificate is to be given by each member of JV or Partners of Partnership firm/LLP/etc.)	No	No	Not Allowed
1.2	Fulfillment of Standard Technical and Financial Criteria as per tender documents.	No	No	Not Allowed
1.3	(a) Sole Proprietorship Firm: (i) All documents in terms of Para 10 of the Tender Form (Second Sheet) IRSGCC April-2022.	No	No	Not Allowed
1.4	(b)HUF:(i)AcopyofnotarizedaffidavitonStampPaperdeclaringthathewhoissubmittingthe tenderonbehalfofHUFisinthepositionof'Karta'ofHinduUndividedFamily(HUF)and he has the authority, power and consent given by other members to act on behalf of HUF. (ii) All other documentsintermsofPara10oftheTenderForm(Second Sheet)IRSGCCApril-2022.	No	No	Not Allowed
1.5	(c)PartnershipFirm:Thefollowingdocumentsshallbesubmittedbythepartnershipfirm,withthe tender: (i)AnotarizedcopyofthePartnershipDeedoracopyofthePartnershipdeedregistered withtheRegistrar.(ii)AnotarizedorregisteredcopyofPowerofAttorneyinfavouroftheindividual to tender for the work, sign the agreement etc. and create liability against the firm. (iii) An undertaking by all partners of the partnership firm that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders / contractsasonthedateofsubmissionofbids,eitherintheirindividualcapacityorinanyfirm/LLPin which they were/are partners/members. Any Concealment/wrong information in regard to above shall make the bid ineligible or the contract shall be determined under Clause 62 of the Standard General Conditions of Contract.(iv)AllotherdocumentsintermsofPara10oftheTenderForm (Second Sheet) of IRSGCCApril-2022.	No	No	Not Allowed
1.6	(d) Joint Venture (JV) (If applicable): The tenderer shall submit all documents as mentioned in para 17 of the Tender Form (Second Sheet) of IRSGCC April-2022.	No	No	Not Allowed
1.7	(e) Company registered under Companies Act 2013: (i) The copies of MOA (Memorandum of Association) / AOA (Articles of Association) of the company (ii) A copy of Certificate of Incorporation (iii) A copy of Authorization/Power of Attorney issued by the Company (backed by the resolution of Board of Directors) in favour of the individual to sign the tender on behalf of the company and create liability against the company. (iv) All other documents in terms Para 10 of the Tender Form (Second Sheet) of IRSGCC April-2022.	No	No	Not Allowed
1.8	(f) LLP (Limited Liability Partnership): (i)A copy of LLP Agreement (ii)A copy of Certificate of Incorporation (iii) A copy of Power of Attorney/Authorization issued by the LLP in favour of the individual to sign the tender on behalf of the LLP and create liability against the LLP. (iv) An undertaking by all partners of the LLP that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders / contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP or JV in which they were / are partners/members. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the Standard General Conditions of Contract. (v) All other documents in terms of Para 10 of the Tender Form (Second Sheet) of IRSGCC April-2022.		No	Not Allowed

1.9	(g) Registered Society & Registered Trust: (i)A copy of Certificate of Registration (ii)A copy of Memorandum of Association of Society/Trust Deed (iii) A copy of Power of Attorney in favour of the individual to sign the tender documents and create liability against the Society/Trust. (iv) A copy of Rules & Regulations of the Society (v) All other documents in terms of Para 10 of the Tender Form (Second Sheet) of IRSGCC April-2022.	No	No	Not Allowed
1.10	Declaration regarding Retd Railway Employee.	No	No	Not Allowed
1.11	PAN	No	No	Not Allowed
1.12	GST REGISTRATION	No	No	Not Allowed
1.13	EPF REGISTRATION (IF APPLICABLE)	No	No	Not Allowed
1.14	Duly filled and signed Annexure VIB (AVAILABLE IN GCC APRIL 2022 WHICH IS UPLOADED IN DOCUMENT TAB)) duly supported by Audited Balance Sheet duly certified by the Chartered Accountant.(for work costing more than 50 lakhs)		No	Not Allowed
1.15	Technical Eligibility Criteria (for work costing more than 50 lakhs)	No	No	Not Allowed
2	The Bid Security shall be deposited through e-payment gateway.	No	No	Not Allowed

Commercial-Compliance

S.No.	Description	Confirmation Required		Documents Uploading
	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	Allowed (Optional)
	Tenderer must have valid PF code number. Tenderer should upload document with respect to valid PF code number . Bill will be cleared only after verification of PF challan paid for previous month among all other statutory dues by the contractor/establishment.		No	Allowed (Mandatory)
1.2	Tenderers are required to upload copy of Permanent Account Number & GST.	No	No	Allowed (Mandatory)
2	The Bid Security shall be deposited through e-payment gateway.	No	No	Allowed (Mandatory)
3	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.		Yes	Allowed (Optional)

General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The Bid Security shall be rounded off to the nearest 100. This Bid Security shall be applicable for all modes of tendering. (ii) Any firm recognized by Department of Industrial Policy and Promotion (DIPP) as 'Startups' shall be exempted from payment of Bid Security detailed above. (iii) Labour Cooperative Societies shall submit only 50% of above Bid Security detailed above.	No	No	Not Allowed
2	Bid Security: The tenderer shall be required to submit the Bid Security with the tender for the due performance with the stipulation to keep the offer open till such date as specified in the tender, under the conditions of tender. The Bid Security shall be as under: Value of the Work Bid Security (I) For works estimated to cost up to 1 crore- 2% of the estimated cost of Value of the Work (II) For works estimated to cost more than 1 crore- 2 lakh plus ½% (half percent) of the excess of the estimated cost of work beyond 1 crore subject to a maximum of 1 crore Note: (i) The Bid Security shall be rounded off to the nearest 100. This Bid Security shall be applicable for all modes of tendering. (ii) Any firm recognized by Department of Industrial Policy and Promotion (DIPP) as 'Startups' shall be exempted from payment of Bid Security detailed above. (b) It shall be understood that the tender documents have been issued to the tenderer and the tenderer is permitted to tender in consideration of stipulation on his part, that after submitting his tender he will not resile from his offer or modify the terms and conditions thereof in a manner not acceptable to the Engineer. Should the tenderer fail to observe or comply with the said stipulation, the aforesaid amount shall be liable to be forfeited to the Railway. (c) If his tender is accepted, this Bid Security mentioned in sub para (a) above will be retained as part security for the due and faithful fulfillment of the contract in terms of Clause 16 of the Standard General Conditions of Contract. The Bid Security of other Tenderers shall, save as herein before provided, be returned to them, but the Railway shall not be responsible for any loss or depreciation that may happen thereto while in their possession, nor be liable to pay interest thereon.	No	No	Not Allowed
3	South Eastern Railway "Schedule of Labour and Materials Rates, Revised Edition 2001(Volume- I) [For P-Way Works of section-Z], Unified Standard Schedule of Rates -2010 (Works & Materials), Indian Railways Unified Standard Specifications (Works & Materials) Volume-I & Volume-II of 2010 for relevant items and IRSGCC April-2022 with upto date correction slip will be applicable in this contract.	No	No	Not Allowed
3.1	Right of Railway to Deal with Tenders: The Railway reserves the right of not to invite tenders for any of Railway work or works or to invite open or limited tenders and when tenders are called to accept a tender in whole or in part or reject any tender or all tenders without assigning reasons for any such action.	No	No	Not Allowed

3.2	DrawingsfortheWork:TheDrawingfortheworkcanbeseenintheofficeoftheCPM/GS/CKP, S.E. Railway/Chakradharpur division at any time during the office hours. The drawings are only for the guidance of Tenderer(s). Detailed working drawings (if required) based generally on the drawing mentioned above, will be given by the Engineer or his representative from time to time.	No	No	Not Allowed
3.3	1. Rights of the Railway to deal with Tender: The authority for the acceptance of the tender will rest with the Railway. It shall not be obligatory on the said authority to accept the lowest tender or any other tender, and tenderer(s) shall neither demand any explanation for the cause of rejection of his/their tender nor the Railway to assign reasons for declining to consider or reject any particular tender or tenders. 2. If the tenderer(s) deliberately gives / give wrong information in his / their tender or creates / create circumstances for the acceptance of his / their tender, the Railway reserves the right to reject such tender at any stage. 3. If any partner(s) of a partnership firm expires after the submission of its tender or after the acceptance of its tender, the Railway shall deem such tender as cancelled/contract as terminated under clause 61 of the Standard General Conditions of Contract, unless the firm retains its character as per partnership agreement. If a sole proprietor expires after the submission of contract, set cancelled / contract as terminated under clause 61 of the Standard General Conditions of Contract.	No	No	Not Allowed
3.4	Should a tenderer find the discrepancies in, or omissions from the drawings or any of the tender forms or should be in doubt as to their meaning, he should at once notify the authority inviting tenders who may issue a corrigendum. It shall be understood that every endeavor has been made to avoid any error which can materially affect the basis of the tender and the successful tenders shall take upon himself and provide for the risk of any error which may subsequently be discovered and shall make no subsequent claim on account thereof.	No	No	Not Allowed
3.5	Before submitting a tender, the tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates he entered in the tender form are adequate and all inclusive to accord with the provisions in clause-37 of the General Conditions of Contract for the completion of work to the entire satisfaction of the engineer.	No	No	Not Allowed
3.6	For settlements of disputes, Arbitration and Conciliation Act 1996 and provision made in relevant clauses of GCC April-2022 with up-to-date correction slip will be binding.	No	No	Not Allowed
3.7	All these conditions and specifications should carefully be studied by the tenderer / tenderers before submitting his/their tender. He/they should in his/their own interest be well acquainted with the site of work.		No	Not Allowed
3.8	26A.Deployment of Qualified Engineers at Work Sites by the Contractor: 26A.1The Contractor shall also employ qualified Graduate Engineer(s) or equivalent, or qualified Diploma Engineer(s), as prescribed in the tender documents. 26A.2 In case the Contractor fails to employ the Engineer, as aforesaid in Para 26A.1, he shall be liable to pay liquidated damages at the rates, as prescribed in the tender documents. 26A.3 No. of qualified Engineers required to be deployed by the Contractor for various activities contained in the works contract shall be specified in the tender documents. 26A.3 No. of qualified Engineers required to be deployed by the Contractor for various activities contained in the works contract shall be specified in the tender documents as 'Special Condition of Contract'. a. Cost of work Rs.200 Lakhs and above-One Graduate Engineer. Note:- Track related contractual works of values as specified in para-b, individuals having Diploma in Railway Engineering awarded by IPWE- India shall also be considered as qualified Diploma Holder Engineers and contractors for track contract works can employ such individuals at their worksite on Indian Railway vide Rly. Bds letter No. 2012-CE-I-CT-O-20, Dt- 12.07.2013. In case the contractor fails to employ the Qualified Engineer, as aforesaid in para above, he or him in terms of provisions of clause 26A.2 to the General Conditions of Contract, shall be liable to pay an amount of Rs.40,000 and Rs.25,000 for each month or part thereof for the default period for the provisions as mentioned in para-a and b above respectively.		No	Not Allowed
3.9	Provisions of Make in India Policy 2017 issued by Govt. of India, as amended from time to time, shall be followed for consideration of tenders.	No	No	Not Allowed
3.10	Security Deposit: The Security Deposit shall be 5% of the contract value. The Bid Security submitted by the Contractor with his tender will be retained/encashed by the Railways as part of security for the due and faithful fulfillment of the contract by the Contractor. Provided further that, if Contractor submits the Cash or Term Deposit Receipt issued from a Scheduled commercial bank of India or irrevocable Bank Guarantee Bond from a Scheduled commercial bank of India, either towards the Full Security Depositor the Part Security Deposit equal to or more than Bid Security, the Railway shall return the Bid Security, to the Contractor. Balance of Security Deposit may be deposited by the Contractor in cash or Term Deposit Receipt issued from Scheduled commercial bank of India, or may be recovered at the rate of 6% of the bill amount till the full Security Deposit is recovered. Provided also that in case of defaulting Contractor, the Railway may mount due for payment to the Contract. The Irrevocable Bank Guarantee submitted towards Security deposit shall be initially valid up to the stipulated date of Maintenance period plus 60 days and shall be extended from time to time, depending upon extension of contract. Note: Security Deposit deposited in cash by the Contractor or recovered from the running bills of a Contractor or submitted by contractor as Term Deposit Receipt(s) can be refunded/returned to the contractor, in lieu of irrevocable Bank Guarantee bond issued from scheduled commercial bank of India, to be submitted by extended from tame to time, depending upon extension of contract. Note: Security Deposit deposited in cash by the Contractor or recovered from the running bills of a Contractor or submitted by contractor as Term Deposit Receipt(s) can be refunded/returned to the contractor, in lieu of irrevocable Bank Guarantee bond issued from scheduled commercial bank of India, to be submitted by him, for an amount equal to or more than the already available Security Deposit, provided however that, in a contract	No	No	Not Allowed

3.11	(i) Refund of Security Deposit: Security Deposit mentioned in sub clause (1) above shall be returned to the Contractor along with or after, the following: (a) Final Payment of the Contract as per clause 51.(1) and (b) Execution of Final Supplementary Agreement or Certification by Engineer that Railway has No Claim on Contractor and (c) Maintenance Certificate issued, on expiry of the maintenance period as per clause 50.(1), in case applicable. (ii) Forfeiture of Security Deposit: Whenever the contract is rescinded as a whole under clause 62 (1) of these conditions, the Security Deposit already with railways under the contract shall be forfeited. However, in case the contract is rescinded in part or parts under clause 62 (1) of these conditions, the Security Deposit or amounts payable to the Contractor under the Contract, but Government Securities deposited in terms of Sub-Clause 16.(4)(b) of this clause will be payable with interest accrued thereon.	No	No	Not Allowed
3.12	Performance Guarantee: The procedure for obtaining Performance Guarantee is outlined below: (a) The successful bidder shall have to submit a Performance Guarantee (PG) within 21 (Twenty one) days from the date of issue of Letter of Acceptance (LOA). Extension of time for submission of PG beyond 21 (Twenty one) days and upto 60 days from the date of issue of LOA may be given by the Authority who is competent to sign the contract agreement. However, a penal interest of 12% per annum shall be charged for the delay beyond 21(Twenty one) days, i.e. from 22ndday after the date of issue of LOA. Further, if the 60thday happens to be a declared holiday in the concerned office of the Railway, submission of PG can be accepted on the next working day. In all other cases, if the Contractor fails to submit the requisite PG even after 60 days from the date of issue of LOA, the contract is liable to be terminated. In case contract is terminated railway shall be entitled to forfeit Bid Security and other dues payable to the contractor against that particular contract, subject to maximum of PG amount. In case a tenderer has not submitted Bid Security on the strength of their registration as a Startup recognized by Department of Industrial Policy and Promotion (DIPP) under Ministry of Commerce and Industry, DIPP shall be informed to this effect. The failed Contractor shall be debarred from participating in re-tender for that work. (b) The successful bidder shall submit the Performance Guarantee (PG) in any of the following forms, amounting to 5% of the original contract value:- (i) A deposit of Cash; (ii)Irrevocable Bank Guarantee; (iii) Government Securities including State Loan Bonds at 5% below the market value; (iv) Pay Orders and Demand Drafts tendered by any Scheduled Commercial Bank of India; (v) Guarantee Bonds executed or Deposits Receipts tendered by any Scheduled Commercial Bank of India; (vi) Deposit in the Post Office Saving Bank; (vii) Deposit in the National Savings Certificates; (ixii) Twelve years National Defenc	No	No	Not Allowed

3.12.1	(c) The Performance Guarantee shall be submitted by the successful bidder after the Letter of Acceptance (LOA) has been issued, but before signing of the contract agreement. This P.G. shall be initially valid upto the stipulated date of completion plus 60 days beyond that. In case, the time for completion of work gets extended, the Contractor shall get the validity of P.G. extended to cover such extended time for completion of work plus 60 days. (d) The value of PG to be submitted by the Contractor is based on original contract value and shall not change due to subsequent variation(s) in the original contract value. (e) The Performance Guarantee (PG) shall be released after physical completion of the work based on 'Completion Certificate' issued by the competent authority stating that the Contractor has completed the work in all respects satisfactorily. (f) Whenever the contract is rescinded, the Performance Guarantee already submitted for the contract shall be encashed. (g) The Engineer shall not make a claim under the contract (not withstanding and/or without prejudice to any other provisions in the contract agreement) in the event of: (i) Failure by the Contractor to extend the validity of the Performance Guarantee. (ii) Failure by the Contractor to pay President of India any amount due, either as agreed by the Contractor or determined under any of the Clauses/Conditions of the Agreement, within 30 days of the service of notice to this effect by Engineer. (iii) The Contract being determined or rescinded under clause 62 of these conditions.	No	No	Not Allowed
3.13	1. Powers of Modification to Contract: The Engineer on behalf of the Railway shall be entitled by order in writing to enlarge or extend, diminish or reduce the works or make any alterations in their design, character position, site, quantities, dimensions or in the method of their execution or in the combination and use of materials for the execution thereof or to order any additional work to be done or any works not to be done and the Contractor will not be entitled, to any compensation for any increase/reduction in the quantities of work but will be paid only for the actual amount of work done and for approved materials supplied against a specific order (2)(i) Unless otherwise specified in the special conditions of the contract, the accepted variation in quantity of each individual item of the contract would be upto 25% of the quantity originally contracted, except in case of foundation work (in which no variation limit shall apply). However, the rates for the increased quantities shall be as per sub- para (iii) below. (ii) The Contractor shall be bound to carry out the work at the agreed rates and shall not be entitled to any claim or any compensation whatsoever upto the limit of 25% variation in quantity of individual item of works. (iii) In case an increase in quantity of an individual item by more than 25% of the agreement quantity is considered unavoidable, then same shall be executed at following rates (a)Quantities operated in excess of 125% but upto 140% of the agreement quantity of the concerned item shall be paid at 98% of the rate awarded for that item in that particular tender; (c)Variation in quantities of individual items beyond 150% will be avoided and would be permitted only in exceptional unavoidable circumstances and shall be paid at 96% of the rate awarded for that item in that particular tender;	No	No	Not Allowed
3.13.1	(d)Variation to quantities of Minor Value Item: The limit for varying quantities for minor value items shall be 100% (as against 25% prescribed for other items). A minor value item for this purpose is defined as an item whose original agreement value is less than 1 % of the total original agreement value. d.(i) Quantities operated upto and including 100% of the agreement quantity of the concerned minor value item, shall be paid at the rate awarded for that item in that particular tender; d. (ii)Quantities operated in excess of 100% but upto 200% of the agreement quantity of the concerned minor value item, shall be paid at 98% of the rate awarded for that item in that particular tender; d.(iii)Variation in quantities of individual minor value item beyond 200% will be avoided and would be permitted only in exceptional unavoidable circumstances and shall be paid at 96% of the rate awarded for that item in that particular tender.	No	No	Not Allowed
3.13.2	(iv) In case of earthwork, the variation limit of 25% shall apply to the gross quantity of earthwork items and variation in the quantities of individual classifications of soil shall not be subject to this limit. (v) As far as Standard Schedule of Rates (SSOR) items are concerned, the variation limit of 25% would apply to the value of SSOR schedule(s) as a whole and not on individual SSOR items. However, in case of Non Standard Schedule of Rates (SSOR) items, the limit of 25% would apply on the individual items irrespective of the manner of quoting the rate (single percentage rate or individual item rate).	No	No	Not Allowed
3.14	General Conditions of Contract April-2022 shall be applicable for all the tenders and contracts of railways for execution of works as defined in GFR 2017.	No	No	Not Allowed
3.15	Date of inviting tender shall be the date of publishing tender notice on IREPS web site if tender is published on web site or the date of publication in news paper incase tender is not published on website.		No	Not Allowed
3.16	Omissions & Discrepancies: Should a tenderer find discrepancies in or omissions from the drawings or any of the Tender Forms or should he be in doubt as to their meaning, he should at once notify the authority inviting tenders. The tender inviting authority may, if deemed necessary, clarify the same to all tenderers. It shall be understood that every endeavour has been made to avoid any error which can materially affect the basis of tender and successful tenderer shall take upon himself and provide for the risk of any error which may subsequently be discovered and shall make no subsequent claim on account thereof.	No	No	Not Allowed
3.17	Provisions of Contract Labour (Regulation and Abolition) Act, 1970, Provisions of Employees Provident Fund and Miscellaneous Provisions Act, 1952, Provisions of "The Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996" and "The Building and Other Construction Workers' Welfare Cess Act, 1996", shall be binding to the tenderer.	No	No	Not Allowed

Tender No: CKP-GUS-FLS-E-22-23-2

3.18	Restrictions on the Employment of Retired Engineers of Railway Services Within One Year of their Retirement: The Contractor shall not, if he is a retired Government Engineer of Gazetted rank, himself engage in or employ or associate a retired Government Engineer of Gazetted rank, who has not completed one year from the date of retirement, in connection with this contract in any manner whatsoever without obtaining prior permission of the President and if the Contract and administration will be entitled to terminate the contract and forfeit his Performance Guarantee as well as Security Deposit.	No	No	Not Allowed
3.19	Care in Submission of Tenders: (a) (i)Before submitting a tender, the tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates he enters in the tender forms are adequate and all inclusive to accord with the provisions in Clause-37 of the Standard General Conditions of Contract for the completion of works to the entire satisfaction of the Engineer. (a)(ii)Tenderers will examine the various provisions of The Central Goods and Services Tax Act, 2017(CGST)/ Integrated Goods and Services Tax Act, 2017(IGST)/Union Territory Goods and Services Tax Act, 2017(UTGST)/ respective state's State Goods and Services Tax Act (SGST) also, as notified by Central/State Govt.& as amended from time to time and applicable taxes before bidding. Tenderers will ensure that full benefit of Input Tax Credit (ITC) likely to be availed by them is duly considered while quoting rates. (a)(iii)The successful tenderer who is liable to be registered under CGST/IGST/UTGST/SGST Act to railway immediately after the award of contract, without which no payment shall be released to the concerned authority. (a)(iv)Incase the successful tenderer is not liable to be registered under CGST/IGST/UTGST/SGST Act, the railway shall deduct the applicable GST from his/their bills under reverse charge mechanism (RCM) and deposit the same to the concerned authority. (b)When work is tendered for by a firm or company, the ender shall be signed by the individual legally authorized to enter into commitments on their behalf. (c)The Railway will not be bound by any power of attorney granted by the tenderer or by changes in the composition of the firm made subsequent to the execution of the contract. It may, however, recognize such power of tatorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the contractor.	No	No	Not Allowed
3.20	The Contract Agreement shall be entered into by Railway only after submission of valid Performance Guarantee by the Contractor. Failure to do so shall constitute a breach of the agreement affected by the acceptance of the tender. In such cases the Railway may determine that such tenderer has abandoned the contract and there upon his tender and acceptance thereof shall be treated as cancelled and the Railway shall be entitled to forfeit the full amount of the Bid Security and other dues payable to the Contractor under this contract. The failed Contractor shall be debarred from participating in the re tender for that work.	No	No	Not Allowed
3.21	The Tenderer(s) shall keep the offer open for a minimum period of 60 days (in case of two packet system of tendering 90days) from the date of closing of the Tender. It is understood that the tender documents have been issued to the Tenderer(s) and the Tenderer(s), is / are permitted to tender in consideration of the stipulation on his / their part that after submitting his / their tender subject to the period being extended further, if required by mutual agreement from time to time, he will not resile from his offer or modify the terms and conditions thereof in a manner not acceptable to Railway. Should the tenderer fail to observe or comply with the foregoing stipulation, the amount deposited or Bid Security for the due performance of the above stipulation, shall be forfeited to the Railway.	No	No	Not Allowed
3.22	If any discrepancy arises between special conditions of contract and USSOR-2010, Indian Railways Unified Standard Specifications- Works and Materials -2010 and IRSGCC April-2022 with updated correction slips, in such case the decision of DRM-Engg or PCE, SER will be final and binding.	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	General Conditions for the work	No	No	Not Allowed
	[For P-Way Works of section-Z], Unified Standard Schedule of Rates -2010 (Works & Materials), Indian Railways Unified Standard Specifications (Works & Materials) Volume-I & Volume-II of 2010 for relevant items and IRSGCC April-2022 with up to date correction slips will be applicable in this contract.	No	No	Not Allowed
1.2	The rates to be quoted are inclusive of all lead, lift, loading, unloading, and handling, GST and all other charges and taxes levied by the State as well as Central Govt. from time to time.	No	No	Not Allowed
	The items of works to be executed by the contractor against USSOR2010 & SOR 2001 mentioned above in tender schedule are approx. These quantities may vary and new items may be executed against USSOR2010 & SOR 2001 items.	No	No	Not Allowed
1.4	Income tax, Con. cess, Royalty etc. where applicable will be deducted at source as per permissible rate.	No	No	Not Allowed
1.5	No compensation whatsoever towards any accident will be paid by the Railway.	No	No	Not Allowed
1.6	All items of works are required to be carried out with contractor's labour and tools.	No	No	Not Allowed

1.7	In case of accidents/natural calamities involving human lives, Railway shall have the right to use Contractors vehicles and equipment for rescue and restoration work, as per requirement. Necessary payment for such utilization of contractor's resources shall be made by inclusion of suitable additional non-schedule items in the contract at rates and conditions mutually agreed. However, utilization of contractor's resources shall not be held up for finalization of rates and conditions or any other reason whatsoever.	No	No	Not Allowed
1.8	No extra lead, lift or any other charges will be paid to the contractor.	No	No	Not Allowed
1.9	The materials to be supplied /used should be as per IS specification and must be got approved	No	No	Not Allowed
1.9	by the representative of Engineer-in-charge(ADEN) before supply/use.	-	NU	Not Allowed
1.10	The work is to be executed with contractor's own tools and plants, labour etc. Under the supervision and direction of the Engineer-in-charge or his authorized representative.	No	No	Not Allowed
	The contractor shall purchase season tickets as per the extant procedure for his labour for travel by train in order to ensure adequate facilities of their transportation from their place of living to the place of work and back. However, no free Railway passes shall be issued by the Railway to the Contractor or any office Employee/Worker. No claim on account of purchase of season tickets on the part of the Contractor will been tertained by the Railway Administration.	No	No	Not Allowed
1.12	For the purpose of calculation of Income TaxU/S194-CoftheIncomeTaxAct-1961.TheIncome Tax would be deducted as per the rates prescribed byGovt.of India.	No	No	Not Allowed
1.13	Employment of Diploma holder/Engg. Graduate In terms of provisions of new Clause 26A.1 to the GCC: Contractor shall also employ following qualified Engineers during execution of the allotted work:- (a) 200 Lakhs and above-One qualified Graduate Engineer (Civil or equivalent)during the period of currency of contract. (b) Above 25 Lakhs but less than 200 Lakhs- One qualified Diploma holder Engineer (civil or equivalent)during the period of currency of contract. In case the contractor fails to employ the qualified Engineer, as aforesaid above, he in terms of provisions of clause 26A.2 to the GCC, shall be liable to pay an amount of 40,000 and 25,000 for each month or part thereof for the default period for the provisions, as contained in (a) and (b) above respectively.	No	No	Not Allowed
1.14	Price Variation Clause (PVC)shallbeapplicableonlyintenderhavingadvertisedvalueaboveRs.2 Crores.Providedfurtherthat,inacontractwherePVCisapplicable,followingshallbeoutsidethe purviewofpriceadjustments(i.e.shallbeexcludedfromthegrossvalueoftheworkforthepurpose ofpricevariation):a)MaterialssuppliedbyRailwaytotheContractors,eitherfreeoratfixedrate;b) Any extra item(s) included in subsequent variation falling outside the purview of the Bill(s) of Quantities of tender, under clause 39. (1)(b) of these Standard General Conditions, unless applicability of PVC and' Base Month' has been specially agreed, while fixing the rates of such extra item(s).	No	No	Not Allowed
1.15	Any special conditions given by the tenderer in the tender schedule will be liable to be rejected.	No	No	Not Allowed
1 1h	Bill will be cleared only after verification of PF challan paid for previous month among all other statutory dues by the contractor/establishment.	No	No	Not Allowed
1.17	If the contract of any agency is terminated solely on account of non-performance by them, the same agency will be debarred for participation in any of the tender in Chakradharpur Division for 02years from the date of termination.	No	No	Not Allowed
1.18	Condition for procurement of steel items 'All Reinforcement steel (TMT Bars) and structural steel shall be procured as per specifications mentioned in BIS's documents - IS:1786 and IS: 2062 respectively. Independent tests shall be conducted, wherever required, to ensure that the materials procured conform to the specifications. These steels shall be procured only from those firms, which are established. Reliable, Indigenous & Primary producers of Steel, having integrated steel plants (IPS), using iron ore as the basic raw material and having in-house iron rolling facilities, followed by production of liquid steel and crude steel, as per Ministry of Steel's guidelines. However, only certain isolated sections of structural steel, not being rolled by ISPs, can be procured from the authorised re-rollers of ISPs authorised licensee of BIS having traceability system and who use billets produced by ISPs. Traceability shall be ensured by an officer specially authorised by the concerned SAG officer of the Zonal Railway on case-to-case basis for this purpose.'	No	No	Not Allowed
1.19	Royalty clearance certificate for minerals to be submitted by the contractor. E-challan for minerals to be submitted by the contractor.	No	No	Not Allowed
1.20	The rates are inclusive of all taxes (including GST) including commercial tax, con. Cess wherever applicable and other charges leviable by the Govt.	No	No	Not Allowed
1.21	All the items of work should be completed as per direction of Engineer-in -charge (Dy. CPM/GS or DEN) or his representative (ADEN or any other official) as per drawing & as per specification.	No	No	Not Allowed
1.22	A copy of the license shall be displayed prominently at the premises where the contract work is being carried out.	No	No	Not Allowed
1.23	The contractor will depute his own labours with all requisite tools during the work.	No	No	Not Allowed
1.24	The tenderer for carrying out any construction work in Jharkhand/ West Bengal must get themselves registered from the registering Officer under section-7 of the building and other construction works Act, 1996 and rules made thereto by the Jharkhand West Bengal State Govt. and submit certificate of registration issued from the registering Officer of the Jharkhand Govt. (Labour Deptt). For enactment of this act the tenderer shall be required to pay cess @ 1% of cost of construction work to be deducted from each bill.	No		Not Allowed
1.25	All labour (Skilled,Semi-skilled,Unskilled) shall, at all times be equipped with safety gear including helmets, safety jackets, safety shoes, harness etc. (as dictated by the nature of work) barring which no work shall be allowed. Apart from that, facemask, faceshield, sanitizers shall be made available to all labour at all times.	No	No	Not Allowed

Tender No: CKP-GUS-FLS-E-22-23-2

1.26	The agency should depute one or more trained and certified supervisor duly certified by ADEN as per instruction of Engineer - in-charge.	No	No	Not Allowed
1.27	The contractor shall be responsible for all released materials and materials handed over to him for laying and fixing in position until and unless handed over to Rly. No extra payment will be made on this account.	No	No	Not Allowed
1.28	In case the contractor fails to return the un-used or excess materials the cost of such materials will be deducted from the contractor's dues as per extant rules.	-	No	Not Allowed
1.29	Works will have to be carried out as per Rly.'s specification as laid down in various manual, codes, CE's Circulars and as directed by ADEN or his representatives at site.	No	No	Not Allowed
1.30	Contractor's materials to be used in this work should be got approved by the Representative of Engineer-in-charge(ADEN of his jurisdiction) well before use of the materials. This will be the responsibility of the contractor to get the materials approved and if the contractor uses the material without approval, the repercussion will have to be shouldered by the contractor.	No	No	Not Allowed
	Contractor is to abide by the provisions of various labour laws in terms of above clause 54, 55, 55-A and 55-B of Indian Railways Standard General Conditions of Contract. In order to ensure the same, an application has been developed and hosted on website 'www.shramikkalyan.indianrailways.gov.in'. Contractor shall register his firm/company etc. and upload requisite details of labour and their payment in this portal. These details shall be available in public domain. The Registration/ updation of Portal shall be done as under: (a)Contractor shall apply for onetime registration of his company/firm etc. in the Shramik Kalyan portal with requisite details subsequent to issue of Letter of Acceptance. Engineer shall approve the contractor's registration in the portal within 7 days of receipt of such request. (b)Contractor once approved by any Engineer, can create password with login ID (PAN No.) for subsequent use of portal for all Letter of Acceptances (LOAs) issued in his favour. (c)The contractor once registered on the portal, shall provide details of his Letter of Acceptances (LOAs) / Contract Agreements on Shramik Kalyan portal within 15 days of issue of any LOA for approval of concerned Engineer. Engineer shall update (if required) and approve the details of LOA filled by contractor within 7 days of receipt of such request. (d)After approval of LOA by Engineer, contractor shall fill the salient details of contract labours engaged in the contract and ensure updating of each wage payment to them on Shramik Kalyan portal on monthly basis.	No	No	Not Allowed
1.32	If any discrepancy arises between special conditions of contract and USSOR-2010, Indian Railways Unified Standard Specifications- Works and Materials -2010 and IRSGCC April-2022 with updated correction slips, in such case the decision of DRM-Engg or PCE, SER will be final and binding.	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderers shall submit a copy of certificate stating that all their statements/documents submitted along with bid are true and factual. Standard format of certificate to be submitted by the bidder is enclosed as Annexure-V. In addition to Annexure -V, in case of other than Company/Proprietary firm, Annexure- V (A) shall also be submitted by each member of a Partnership Firm/Joint Venture (JV)/Hindu Undivided Family (HUF)/Limited Liability Partnership (LLP) etc. as the case may be. Non submission of above certificate(s) by the bidder shall result in summarily rejection of his/their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested/digitally signed by which they/he is qualifying the Qualifying Criteria mentioned in the Tender Document. NOTE- The tenderer are advised to submit the Annexure-V & V (A) as per format attached in document tab for compliance of this.	Yes	Yes	Allowed (Mandatory)
2	Documents to be Submitted Along with Tender The tenderer shall clearly specify whether the tender is submitted on his own (Proprietary Firm) or on behalf of a Partnership Firm / Company / Joint Venture (JV) / Registered Society / Registered Trust / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. Thetenderer(s) shall enclose the attested copies of the constitution of their concern, and copy of PAN Card alongwith their tender. Tender Documents in such cases are to be signed by such persons as may be legally competent to sign the mon behalf of the firm, company, association, trust or society,as the case may be. (ii) It shall be mandatory for the tenderer to submit documents mentioned below in SI.No.1. 1to1.7 depending on the nature of firm(i.e,para1.1 for sole proprietorship, 1.2 for HUF, 1.3 for Partnership firms, 1.4 for Joint venture 1.5 for companies registered under companies act2013,1.6 for Limited liability partnerships and 1.7for registered societies and registered trusts.)Non-submission of relevant documents shall lead to summarily rejection of the offer.	No	No	Allowed (Mandatory)
2.1	(a) Sole Proprietorship Firm: (i) All documents in terms of Para 10 of the Tender Form (Second Sheet) IRSGCC April-2022.	No	No	Allowed (Optional)
2.2	(b)HUF:(i)AcopyofnotarizedaffidavitonStampPaperdeclaringthathewhoissubmittingthe tender on behalf of HUF is in the position of 'Karta' of Hindu Undivided Family(HUF) and he has the authority, power and consent given by other members to act on behalf of HUF. (ii) All other documents interms of Para10 of the Tender Form (Second Sheet) IRSGCCApril-2022.	No	No	Allowed (Optional)
2.3	(c) Partnership Firm: (i) The tenderer shall submit documents as mentioned in clause 18 of the Tender Form (Second Sheet) of IRSGCC April-2022.	No	No	Allowed (Optional)

Tender No: CKP-GUS-FLS-E-22-23-2

Closing Date/Time: 02/01/2023 15:30

2.3.1	18. Participation of Partnership Firms in works tenders: 18.1 The Partnership Firms participating in the tender should be legally valid under the provisions of the Indian Partnership Act. 18.2 The partnership firm should have been in existence or should have been formed prior to submission of tender. Partnership firm should have been notarized as per the Indian Partnership Act, prior to submission of tender. 18.3 Separate identity / name should be given to the partnership firm. The partnership firm should have PAN / TAN number in its own name and PAN / TAN number in the name of any of the constituent partners shall not be considered. The valid constituents of the firm shall be called partners. 18.4 Once the tender has been submitted, the constitution of the tender as well as the currency of the contract except when modification becomes inevitable due to succession laws etc., in which case prior permission should be taken from Railway and in any case the minimum eligibility criteria should not get vitiated. The re-constitution of firm in such cases should be followed by a notary certified Supplementary Deed. The approval for change of constitution of the firm, in any case, shall be at the sole discretion of the Railways and the tenderer shall have no claims what-so-ever. Any change in the constitution of Partnership firm after submission of tender and before the award of the contract, the offer shall render the offer invalid and full Bid Security shall be forfeited. If any Partner/s withdraws from the firm after submission of the tenderer will be forfeited. If any new partner joins the firm after submission of the tenderer will be considered a bereach of the contract cutoditions is awarded to succession laws etc. and the constitution which is inevitable due to succession laws etc. and the contract is awarded to such inverting the individual partner and before the award of the contract cutodity for consideration towards eligibility criteria either individually or in proportion to his share in the previous firm. I	No	No	Allowed (Optional)
2.3.2	1.8.7 On issue of Letter of Acceptance (LOA) to the partnership firm, all the guarantees like Performance Guarantee, Guarantee for various Advances to the Contractor shall be submitted only in the name of the partnership firm and no splitting of guarantees among the partners shall be acceptable. 18.8 On issue of Letter of Acceptance (LOA), contract agreement with partnership firm shall be executed in the name of the firm only and not in the name of any individual partner. 18.9 In case the Letter of Acceptance (LOA) is issued to a partnership firm, the following undertakings shall be furnished by all the partners through a notarized affidavit, before signing of contract agreement. (a) Joint and several liabilities: The partners of the firm to which the Letter of Acceptance (LOA) is issued, shall be jointly and severally liable to the Railway for execution of the contract in accordance with General and Special Conditions of the Contract. The partners shall also be liable jointly and severally for the loss, damages caused to the Railway during the course of execution of the contract or due to nonexecution of the contract or part thereof. (b) Duration of the partnership deed and partnership firm agreement: The partnership deed/partnership firm agreement shall normally not be modified/altered/ terminated during the currency of contract under Clause 62 of the Standard General Conditions of Contract. (c) Governing laws: The partnership firm agreement shall in all respect be governed by and interpreted in accordance with the Indian laws. (d) No partner of the firm shall have the right to assign or transfer the interest right or liability in the contract without the written consent of the contract, where the shall and the railway.	No	No	Allowed (Optional)
2.3.3	18.10 The tenderer shall clearly specify that the tender is submitted on behalf of a partnership firm. The following documents shall be submitted by the partnership firm, with the tender: (i) A notarized copy of the Partnership Deed or a copy of the Partnership deed registered with the Registrar. (ii) A notarized or registered copy of Power of Attorney in favour of the individual to tender for the work, sign the agreement etc. and create liability against the firm. (iii) An undertaking by all partners of the partnership firm that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders / contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP in which they were / are partners/members. Any Concealment / wrong information in regard to above shall make the bid ineligible or the contract shall be determined under Clause 62 of the Standard General Conditions of Contract. (iv) All other documents in terms of Para 10 of the Tender Form (Second Sheet) of IRSGCC April-2022. 18.11 Evaluation of eligibility of a partnership firm: Technical and financial eligibility of the firm shall be adjudged based on satisfactory fulfilment of the eligibility criteria laid down in Para 10 of the Tender Form (Second Sheet) of IRSGCC April-2022.	No	No	Allowed (Optional)
2.4	(d)Joint Venture(JV)(If applicable): The tenderer shall submit all documents as mentioned in para 17 of the Tender Form (Second Sheet) of IRSGCC April-2022	No	No	Allowed (Optional)

2.4.1	FOR JOINT VENTURE (JV) (If applicable) :- 17.14 Documents to be enclosed by the JV alongwith the tender: 17.14.1 In case one or more of the members of the JV is/are partnership firm(s), following documents shall be submitted: (i) A notarized copy of the Partnership Deed or a copy of the Partnership deed registered with the Registrar. (ii) A copy of consent of all the partners or individual authorized by partnership firm, to enter into the Joint Venture Agreement on a stamp paper, (iii) A notarized or registered copy of Power of Attorney in favour of the individual to sign the MOU/JV Agreement on behalf of the partnership firm and create liability against the firm. (iv) An undertaking by all partners of the partnership firm that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders /contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP in which they were / are partners/members. Any Concealment / wrong information in regard to above shall make the bid ineligible or the contract shall be enclosed: (i) A copy of notarized affidavit on Stamp Paper declaring that his Concern is a proprietary Concern and he is sole proprietor of the Concern OR he who is signing the affidavit on behalf of HUF is in the position of 'Karta' of Hindu Undivided Family (HUF) and he has the authority, power and consent given by other members to act on behalf of HUF. 17.14.3 In case one or more members of the DI is/are companies, the following documents shall be submitted: (i) A copy of resolutions of the Directors of the Company, permitting the company to enter into a JV agreement, (ii) The copies of MOA (Memorandum of Association) / AOA (Articles of Association) of the company (iii) A copy of Cortificate of Incorporation (iv) A copy of Authorization/copy of Power of Attorney issued by the Company (backed by the resolution of Board of Directors) in favour of the individual, to sign the tender, sign MOU/JV Agreeme	No	No	Allowed (Optional)
2.4.2	17.14.4 In case one or more members of the JV is/are LLP firm/s, the following documents shall be submitted: (i) A copy of LLP Agreement (ii) A copy of Certificate of Incorporation of LLP (iii) A copy of resolution passed by partners of LLP firm, permitting the Firm to enter into a JV agreement (iv) A copy of Authorization /copy of Power of Attorney issued by the LLP firm (backed by resolution passed by the Partners) in favour of the individual, to sign the tender and/or sign the MOU/ JV agreement on behalf of the LLP and create liability against the LLP. (v) A nundertaking by all partners of the LLP that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders / contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP or JV in which they were / are partners/members. Any Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the Standard General Conditions of Contract. 17.14.5 In case one or more members of the JV is/are Society/s or Trust/s, the following documents shall be submitted: (i) A copy of Registration (ii) A copy of Memorandum of Association of Society/Trust Deed (iii) A copy of Rules & Regulations of the Society (iv) A copy of Power of Attorney, in favour of the individual to sign the tender documents and create liability against the Society/Trust. 17.14.6 All other documents in terms of Para 10 of the Tender Form (Second Sheet) of IRSGCC April-2022.	No	No	Allowed (Optional)
2.5	(e) Company registered under Companies Act 2013: (i) The copies of MOA (Memorandum of Association)/AOA(Articles of Association)of the company(ii)A copy of Certificate of Incorporation (iii)A copy of Authorization/Power of Attorney issued by the Company (backed by the resolution of Board of Directors)infavouroftheindividualtosignthetenderonbehalfofthecompanyandcreate liability against the company.(iv) All other documents interms Para 10 of the Tender Form(Second Sheet) of IRSGCC April-2022.	No	No	Allowed (Optional)
2.6	(f) LLP (Limited Liability Partnership): (i)A copy of LLP Agreement (ii)A copy of Certificate of Incorporation (iii) A copy of Power of Attorney/Authorization issued by the LLP in favour of the individual to sign the tender on behalf of the LLP and create liability against the LLP. (iv) An undertakingbyallpartnersoftheLLPthattheyarenotblacklistedordebarredby Railways or any other Ministry/Department of the Govt. of India from participation intenders/contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP or JV in which they were/arepartners/ members. Concealment/ wrong information inregard to above shall make the contractliablefordeterminationunderClause62oftheStandardGeneralConditionsofContract. (v)All other documents interms of Para10oftheTenderForm (Second Sheet) of IRSGCC April- 2022.	No	No	Allowed (Optional)
2.7	(g) Registered Society & Registered Trust: (i)A copy of Certificate of Registration (ii)A copy of Memorandum of Association of Society/TrustDeed (iii) A copy of Power of Attorney infavour of the individualtosignthetenderdocumentsandcreateliabilityagainsttheSociety/Trust.(iv)A copy of Rules & Regulations of the Society (v)All other documents interms of Para 10 of the Tender Form (Second Sheet) of IRSGCCApril-2022.		No	Allowed (Optional)
2.8	(iii) If it is NOT mentioned in the submitted tender that tender is being submitted on behalf of a Sole Proprietorship firm / Partnership firm / Joint Venture / Registered Company etc., then the tender shall be treated as having been submitted by the individual who has signed the tender. (iv) After opening of the tender, any document pertaining to the constitution of Sole Proprietorship Firm / Partnership Firm / Registered Company/ Registered Trust / Registered Society / HUF/LLP etc. shall be neither asked nor considered, if submitted. Further, no suo moto cognizance of any document available in public domain (i.e., on internet etc.) or in Railway's record/office files etc. will be taken for consideration of the tender, if no such mention is available in tender offer submitted. (v) A tender from JV / Partnership firm etc. shall be considered only where permissible as per the tender conditions. (vi) The Railway will not be bound by any change of power of attorney or in the composition of the firm made subsequent to the submission of tender. Railway may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the Contractor.	No	No	Allowed (Optional)

2.9	UPLOADING OF DOCUMENTS IN PARA 1.1 TO 1.7 HAS BEEN KEPT AS OPTIONAL SO THAT ALL PARTICIPATING TENDERERS ARE NOT COMPELLED TO UNNECESSARILY UPLOAD DOCUMENTS AGAINST ALL ITEMS. HOWEVER AS MENTIONED IN PARA-1, IT IS MANDATORY TO UPLOAD DOCUMENT AGAINST RELEVANT PARA 1.1-1.7 DEPENDING ON NATURE OF FIRM. OFFERS SUBMITTED WITHOUT THESE MANDATORY DOCUMENTS SHALL BE SUMMARILY REJECTED.	No	No	Allowed (Mandatory)
3	The tenderer whether sole proprietor / a company or a partnership firm / joint venture (JV) / registered society / registered trust / HUF / LLP etc if they want to act through agent or individual partner(s), should submit along with the tender, a copy of power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person, specifically authorizing him/them to sign the tender, submit the tender and further to deal with the Tender/ Contract up to the stage of signing the agreement except in case where such specific person is authorized for above purposes through a provision made in the partnership deed / Memorandum of Understanding / Article of Association /Board resolution, failing which tender shall be summarily rejected. A separate power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the specific person whether he/they be partner(s) of the firm or any other person, shall be submitted after award of work, specifically authorizing him/them to deal with all other contractual activities subsequent to signing of agreement, if required. Note: A Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney is being issued. However, the Power of Attorney provided by Bidders from countries that have signed the Hague Legislation Convention 1961 are not required to be legalized by the Indian Embassy if it carries a conforming Appostille certificate.	No	No	Allowed (Mandatory)
4	The tenderers shall submit a copy of certificate stating that all their statement /documents submitted along with bid are true and factual. Standard format of the certificate to be submitted by the bidder is enclosed as Annexure-V. In addition to Annexure-V, in case of other than Company /Proprietary firm, Annexure-V(A) shall also be submitted by the each member of a Partnership frm / Joint Venture (JV)/ Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. as the case may be . Non submission of above (s) by the bidder shall result in summarily rejection of his/their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested / digitally signed by which they/he is qualifying the Qualifying Criteria mentioned in the Tender Document.	No	No	Allowed (Mandatory)
5	//1// Detailed description of item No.1 of Schedule-'C' Conducting Final Location Survey along with preparation & submission of Long-section, and plan, of the existing & proposed alignment showing chain ages, OGL, existing Rail level & formation level, proposed Rail level & formation level, detail of all existing & proposed bridges, stations, yards, L.C's, land boundaries on both sides(to be verified at site as well as from local state authorities, for which no extra payment is admissible), existing & proposed gradient, Curves, electrical installations like OHE,TSS, SP, SSP, signaling installations with cable route plan/diagram and other salient features/structures (on both side of track) etc. for the project. The work to be carried out with latest the odolite/total station, Levelling instruments & any other latest accessories as required. Shifting and fixing bench mark to be done & permanently marked at site at maximum 500 m interval, all the curves should be transitioned as per IRPWM. L Section and plans should be 1:5000 scale or as instructed by Railways.Rail levels for L section should be taken at 20 m interval, cross section should be taken at 20m interval (however closer intervals to be adopted as required). List of bench marks, list of level crossing, list of kutcha and pucca structure, encroachments affecting the Railway alignment and any other infringements affecting works to be submitted with the project report as per relevant paras of Engineering Code (1999 edition, reprinted on 2004) and submission of report in 10 copies for the project. Work is to be conducted as per Railway latest codes and as per direction of Mailway Representative and also as per terms of reference mentioned in the tender document. The work also includes equiremen of quantities of all items likely to be involved for execution of work(including submission of related documents (b) balance 40% after approval of DPR from Railway. Note :- " (a) Conducting detailed survey as per provision/ equirement given in ENGINEETING CODE (Indi	No	Νο	Not Allowed

Tender No: CKP-GUS-FLS-E-22-23-2

6	//2// Continuous detailed description of item No.1 of Schedule-'C' (e) List of bench marks, list of level crossings, list & detail of minor and major bridges with hydrological data, ROB's, RUB's, list of tunnels if any, proposed retaining walls, toe walls, list of curves, list of gradients, list of over head crossing, list of kutcha and pucca structure, encroachments affecting the Railway alignment and any other infringements affecting works to be submitted with the project report. (f) Shifting and fixing bench mark to be done & permanently marked at site at maximum 500 m interval, all the curves should be transitioned as per IRPWM. L- Section and plans should be 1:5000 scale or as instructed by Railways. Rail levels for L section should be taken at 20 m interval, cross section should be taken at 20 m interval (however closer intrvals to be adopted as required) (g) Submission of two draft copies of survey report for Rlys approval and submission of ten sets of final copies and soft copies (along with all CAD files) in CD etc. ******		No	Not Allowed
7	//1// Detailed description of item No.3 of Schedule-'C' Detailed study for hydrographic survey, hydraulic data etc. for deciding hydrological parameters, span arrangements, requirement of linear waterway and preparation of layout drawings, including its review and span arrangement. For Major Bridges of the project. Note:- The rate includes the following items for each bridge site: (i) For each major bridge site: Carrying out Hydrographic survey for a stretch of 5 km. i.e. 3 km upstream and 2 km downstream of the proposed major bridge location by observing river cross-sections at an interval of every 500m along with three additional cross sections at the proposed bridge centre line and the other two at 50m intervals with all spill channels upstream being shown on the plan. These distances of 3km and 2km are to be taken as measured at right angles to the centre line of the Railway and not along the course of the river. The position of cross section of the riverbed should be marked on the survey plan. The level of the highest known flood and ordinary low water should be noted on each cross section. (ii) Investigation and collection of the following data (for major bridges): (a) Topographical details, catchment areaa with its shape (Oblong, fan etc.) and characteristics from the Survey of India maps. "(b) Details of the course of the main stream and its tributaries. (c) Longitudinal slope of the main stream and average land slope of the catchment from the contours (d) Nature of soil in the catchment (rocky, sandy, loamy or clay etc.) (e) Extent of vegetation (forest, pasture, cultivated, barren etc.) (f) Probable changes that may occur in the cats of alluvial rivers and the nature of the material through which the channel flows. (Whether it consists of boulder, gravel, sand, clay or alluvium.) The description should be based also on actual borehole particulars. (i) Bank erosion and bed scour observed at the bridge site in the case of alluvial rivers and the structure, including the vertical clearance from water	No	Νο	Not Allowed
8	//2// Continuous detailed description of item No.3 of Schedule-'C' (iii) Flood control projects on the stream or other structures which affect the flow in the stream. (iv) Character of floods Whether steady, flashy or eddy forming etc. (m) Hydrological particulars & data such as (i) low water level, high flood level, discharge data, flood velocity, rainfall records from local or nearby gauging stations of irrigation and flood control departments and (ii) local enquiries.(iii) Analyzing the hydrological survey, hydraulic data & investigations carried out as above and finalize the hydraulic design parameters viz. Design Discharge, Design HFL & LWL, silt factor etc, Design Discharge for foundations, Design of waterways, vertical clearance, free board, etc. based on various empirical relations and statistical analysis and in accordance with Railways relevant codes and manuals and submitting the same in the report with detailed calculations. (iv) Based on the detailed hydraulic/hydrological studies the optimal waterway of the proposed bridges and span arrangements based on the laid down guidelines, past experiences and current, river configuration is to be decided and finalized as per Railway codes/manuals and standard Railway/RDSO's spans to the extent possible in consultation with Railway. (v) Reliable information should be obtained of high flood levels and noted. This information is required for deciding the formation level. (vi) Preparation of a detailed map showing flood flowing patterns, location of proposed bridge, spills openings, if any, and alignment of piers should be prepared to a suitable scale. The map should indicate: (i) Contours at 1 m intervals, stream meander, vegetation, mamade changes, if any, (ii) Three cross section together with HFL, one on the centre line of the proposed bridge, one upstream and one downstream at 100-300 m intervals (vii) The rate is inclusive for preparation and submission of report in two draft copies for approval and five copies as final after getting approval of the d	No	No	Not Allowed

Undertakings

S.No.	Description	Confirmation Required		Documents Uploading
1	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed
1.1	I/We have read the various conditions to tender attached hereto and agree to abide by the said conditions. I/We also agree to keep this tender open for acceptance for a period mentioned in NIT header of tender document from the date fixed for opening the same and in default thereof, I/We will be liable for forfeiture of my/our "Earnest Money". I/We offer to do the work for S.E Railway, at the rates quoted in the attached schedule and hereby bind myself/ourselves to complete the work in all respects within Stipulated period mentioned in NIT Header from the date of issue of letter of acceptance of the tender.	No	No	Not Allowed
1.2	I/We will not resile from my/our offer or modify the terms and conditions thereof in a manner not acceptable to the SE Railway during validity period of the tender, subject to the period being extended further if required, by mutual agreement from time to time.		No	Not Allowed
1.3	I/We also hereby agree to abide by the Indian Railways Standard GCC April-2022 corrected up to printed/ advance correction slip and to carry out the work according to the Special Tender Conditions of Contract and Indian Railway Unified Standard Specifications Works Materials, Engineering Department, 2010, Volume I II, and Unified Standard Schedule of Rates Works and Materials, 2010, corrected up to printed/advance correction slip s and Special Conditions relating to Site Data and specifications.	No	No	Not Allowed
1.4	Until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications, as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.		No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	Document-01_1.pdf	Document 1
2	Document-02.pdf	Document 2
3	02.09.22ProformaforpreparationandsubmissionofDPR.pdf	Preparationsubmission of DPR
4	12_05_2022DPR.DE.REofProject.pdf	DEREProject
5	19.8.22EconomicAppraisalframeworkforevaluationofRailwayProject_pdf.pdf	Economicappraisalframe work
6	23.8.22FormatforDPRsElectrical.pdf	DPR electrical
7	25.8.22LetterforChecklist_ProformasS_T.pdf	Check list
8	2022_06_30RBCE_CE-I-CTApprovedListofConsultantsforConsultancyservicesforDPRDDCPMCWorks.pdf	CTapproval list consultant
9	2022_08_18ProcurementofProjectSupervisionServicesAgencyPSSandProjectManagementServicesPMS.pdf	Procurement of project
10	2022_CE-I_CT_GCC-2022Policy14_07_2022ACS-1toGCC2022.pdf	GCC April 2022
11	1592231660193-42.2018_CE-I_CT_9Date04_06_2018.pdf	159223166019342
12	ACS-2toGCC-2022_2022-CE-1-CT-GCC-2022-POLICY_13.12.2022.pdf	ACS2GCC2022
13	AnnexureVVAofGCC2022.pdf	AnnexureV VAGCC2022
14	D_G_Charge_040320.pdf	DG charge
15	GCC2022AnnexureVVA.pdf	GCCAnnexureV VA
16	IRFCVollChapterII.pdf	IRFCVolchapter
17	ListofEmpanlledconsultanatsRBLetterdated30.06.2022.pdf	List of empanlled
18	GCC_April-2022_2022_CE-I_CT_GCC-2022_POLICY_27_04_22.pdf	GCC April 2022
19	270722morethanRs.500croreeach.pdf	MorethanRs500crores
20	VendorMandateForm.pdf	Mandate form
21	BNDM-Aplan1.pdf	Indicative layout plan A
22	BNDM-Aplan-2.pdf	Indicative layout plan A2
23	FL-flyovers_3_PDPH-DPS.pdf	Indicative layout plan B
24	flyoverGMH-BIRP.pdf	Indicative layout plan C
25	flyoverBIRP-KND.pdf	Indicative layout plan D
26	FL-flyovers_4_PDPH-NOMD-JKDA.pdf	Indicative layout plan E
27	DeclarationofRetiredEmployee.pdf	Declaration of Retired employee

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: ASHUTOSH ANAND

Designation : Sr.DEN/East