



इरकॉन इंटरनेशनल लिमिटेड

नवरत्न कम्पनी
(भारत सरकार का उपक्रम)

IRCON INTERNATIONAL LIMITED

NAVRATNA COMPANY
(A Govt. of India Undertaking)



SIVOK - RANGPO NEW BG RAIL LINE PROJECT

Project Office : Block - C, 2nd Floor, P.C. Mittal Bus Terminus, P.O. Sevoke Road, Siliguri - 734001
Dist. Darjeeling (W.B.), Tel. No. 0353-2999659, E-mail : 2046.nfr-srrp@ircon.org

(Letter of Acceptance)

No. IRCON/2046/NFR-SRRP/GLMA-BRQ DPR/262/Vol-06/1377

Date: 16.07.2025

To,

M/s Pioneer Surveyors,

Pioneer Tower, Premises No. 20-085,

AB109, Newtown, Kolkata, West Bengal

PIN Code- 700156

Email: pioneer.surveyors@gmail.com

Mobile No. +91-9831035977

Sub: Detailed Engineering, Signaling & Electrical survey for design and estimate in connection to prepare Detail Project Report for Doubling work from CH. 16048.223 to CH. 40720.822 in between Gulma to Sivok and Sivok to Bagrakot station of APDJ division of N. F. Railway (Total length- 24.673 Km). **Reg- Letter of Acceptance**

Ref: 01. e-tender no. IRCON/2046/NFR-SRRP/GLMA-BRQ DPR/262 dated 19.02.2025

02. Your Technical bid opened on dated 22.03.2025 and Financial bid opened on dated 04.07.2025

03. Your Letter No. Ps-suv/2024-2025/IRCON/R-3997 dated 10.03.2025

With reference to above, this is to inform you that your offer for the subject work of "Detailed Engineering, Signaling & Electrical survey for design and estimate in connection to prepare Detail Project Report for Doubling work from CH. 16048.223 to CH. 40720.822 in between Gulma to Sivok and Sivok to Bagrakot station of APDJ division of N. F. Railway (Total length- 24.673 Km)" has been accepted by Competent Authority at total value of Rs 2,23,65,969.26 (Rupees Two Crore Twenty Three Lakh Sixty Five Thousand Nine Hundred Sixty Nine and paisa Twenty Six) Only including GST @18%. The summary of BOQ accepted by the competent authority is enclosed herewith.

1. SCOPE OR WORK:

As indicated in 'Key Information Table (KIT) in Para 1.1 of e-Procurement Notice' and described under Clause No. 15 of SSC of tender document.

2. PAYMENT TERMS:

The payment will be release as per clause no. 24 & 27 of Special Condition of Contract.

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55, सी-4, डिस्ट्रिक्ट सेंटर, साकेत, नई दिल्ली - 110017, भारत
Regd. Office : C-4, District Centre, Saket, New Delhi-110017, INDIA
TEL : +91-11-29565666, FAX : +91-11-26522000, 26854000, E-mail : info@ircon.org, Web : www.ircon.org
CIN : L45203DL1976GOI008171



3. QUANTITY VARIATION

The quantities of items shown in the Bill of Quantities are approximate and liable to vary during the actual execution of the work. The Contractor shall be bound to carry out and complete the stipulated work, irrespective of the variations in individual items, specified in the Bill of Quantities. Such variations in quantities shall be paid for in the manner laid down under Clause No. 57.0 of special conditions of contract.

4. Taxes and duties:

The quoted rates shall include all the taxes, duties etc. income tax and Trade Tax on works contract shall be deducted from the payments to the contractors as per prevailing tariff for which necessary TDS Certificate shall be issued. The taxes and duties shall be dealt under clause no. 25 of SCC.

5. Completion Period

The work is required to be completed within a continuous period of **06 months** including monsoon period from the date of issue of letter of acceptance as per the clause no. 18 and clause no. 43 of SCC.

6. Defect liability period:

Defect liability Period shall be for a period of Six (06) months from the date of handover of all work or from date of final bill, whichever is earlier. It shall be dealt as per clause no. 59 of special conditions of contract.

7. Insurance:

As per the clause no. 5 of SCC, the consultant shall take appropriate insurance cover for his persons deployed on the work and there shall be no liability on IRCON towards the same. The quoted rates shall be deemed to include cost towards the same. 'Professional Indemnity Insurance' and 'Employers Liability and Workers Compensation Insurance' shall be dealt as per Clause No. 31 and 32 of SCC respectively.

8. Performance Security & Retention money:

Performance security & retention money shall be dealt as per clause no. 4.0 of SCC. As per the sub-clause no. 4.1 SCC, Performance Security of Rs. 33,67,432.00 (Rupees Thirty-Three Lakh Sixty-Seven Thousand Four Hundred Thirty-Two only) [i.e. @ 5% of contract value i.e. Rs. 2,23,65,969.26 and 7.535% of tender cost is Rs. 22,49,133.54] is to be submitted within 21 days from date of issue of Letter of Acceptance.

9. Contract Agreement:

In terms of clause no. 33.0 of Special Condition of Contract, you are advised to attend the office of GM/PH/Sivok-I, IRCON for signing of Contract Agreement within 28 days from the date of issue of LOA.

10. All the terms & condition will remain same as per tender document. This letter of acceptance along with your submitted offer shall constitute a legal and binding contract between **IRCON International Limited** and **M/s Pioneer Surveyors** till such time the formal contract agreement is signed.

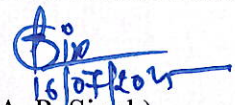


11. Conditions mentioned above in this LOA are a brief reference of the terms of Tender document. Detailed Terms & conditions other than above shall also be as per NIT/Tender document & corrigendum, which shall be an integral part of this contract and shall be binding on you.
12. This letter of acceptance is being issued in duplicate. One copy may please be signed, stamped and returned to this office as a token of your unconditional acceptance.

Thanking You,

Enclosure: Bill of Quantity

For & on behalf of
IRCON International Limited



(A. P. Singh)

GM/PH/Sivok-I

Copy to:

1. ED/Projects/ New Delhi - for kind information please.
2. CGM/Co-Ordinator/SRRP – for kind information please.
3. CGM/Fin/SRRP - for kind information please.



Validate

Print

Help

Percentage BoQ

Tender Inviting Authority: Project Director/SRPP, IRCON International Limited

Name of Work: Detailed Engineering, Signalling and Electrical survey for design and estimate in connection to prepare Detail Project Report for Doubling work from CH. 16048.223 to CH. 43720.822 in between Gullma to Sivok and Sivok to Bagrakot station of APDJ division of N. F. Railway [Total length- 24.673 Km]

Contract No: IRCON2046/INFR-SRPP/CLMA-SRQ DPR/252 Date: 19/02/2025

Pioneer Surveyors, Pioneer Tower, AB-109, AA-1, Street No.85, Premises No. 20-085, Oppo. Water Tank No. 02, Newtown, Kolkata-700163.

Name of the Bidder/
Bidding Firm /
Company :

PRICE SCHEDULE

(This BoQ template must not be modified/replaced by the bidder and the same should be updated after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Item Description	Quantity	Units	TEXT #	NUMBER	Estimated Rate in Rs.	NUMBER	Total Amount Without GST In Rs.	NUMBER	GST @18%	NUMBER	TOTAL AMOUNT With GST In Rs.	NUMBER #	TOTAL AMOUNT In Words	TEXT #
1	Item Description	3	4			5		15		16		6		7	
1.01	Schedule-A Geotechnical Investigation and related works	1.00	Nos			1737674.74		1737674.74		3127819.45		2050494.19		INR Two Crore Five Lakh Four Thousand Five Hundred & Ninety Four and Paise Nineteen Only	
1.02	Schedule-B Survey and other works for DPR	1.00	Nos			2918919.12		2918919.12		525405.44		3444324.56		INR Thirty Four Lakh Forty Four Thousand Three Hundred & Twenty Four and Paise Fifty Six Only	
1.03	Schedule-C Signalling Estimate and Associated works	1.00	Nos			1865197.30		1865197.3		335725.51		2200932.81		INR Twenty Two Lakh Nine Hundred & Thirty Two and Paise Eighty One Only	
1.04	Schedule-D Electrical Estimate and Associated works	1.00	Nos			2935000.00		2935000		528300.00		3463300.00		INR Thirty Four Lakh Sixty Three Thousand Three Hundred Only	
1.05	Schedule-E Any other item not covered in above shall be executed under NFR/SSR-2021 (without GST)	1.00	Nos			200000.00		200000		36000.00		236000.00		INR Two Lakh Thirty Six Thousand Only	
Total In Figures												29849151.56		INR Two Crore Ninety Eight Lakh Forty Nine Thousand One Hundred & Fifty One and Paise Fifty Six Only	
Quoted Rate in Figures						25.07%						22365969.26		INR Two Crore Twenty Three Lakh Sixty Five Thousand Nine Hundred & Sixty Nine and Paise Twenty Six Only	
Quoted Rate in Words														INR Two Crore Twenty Three Lakh Sixty Five Thousand Nine Hundred & Sixty Nine and Paise Twenty Six Only	

Div 16/7/2024
IRCON INTERNATIONAL LTD.
Regn. No. 55-8171
Sivok

Bill Of Quantity

Name of work: Detailed Engineering, Signaling & Electrical survey for design and estimate in connection to prepare Detail Project Report for Doubling work from CH. 16048.223 to CH. 40720.822 in between Gulma to Sivok and Sivok to Bagrakot station of APDJ division of N. F. Railway (Total length- 24.673 Km)

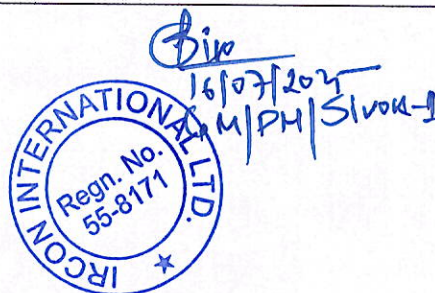
e-Tender No. IRCON/2046/NFR-SRRP/GLMA-BRQ DPR/262 dated 19.02.2025

Schedule-A: Geotechnical Investigation and related works

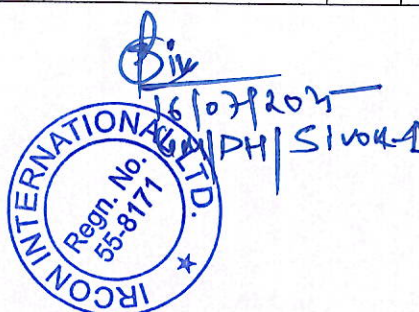
Item No.	SOR	Description of Item	Unit	Qty	Rate	Amount
A.1	021010	Exploratory drilling of Boreholes down to required depth, drilling of 150mm diameter boreholes in all type of soils except hard rock and large boulders (boulder core more than 30 cm), including refilling and reinstating surface, and disposing off surplus material including use of mechanical rigs with power operated winches as well as percussion/ chiselling tool for advancing through occasional seams of hard strata to be employed, where necessary in Dry area.				
A.1.1	021011	0m to 10m	Metre	400	1721.68	688672.00
A.1.2	021012	10m to 20m	Metre	400	1765.20	706080.00
A.1.3	021013	20m to 30m	Metre	400	1918.11	767244.00
A.2	021020	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/ chiselling tool for advancing through occasional seams of hard strata to be employed, where necessary in River bed area including standing/flowing water with all necessary arrangements except making of platform under water which shall be paid under relevant item of SOR				
A.2.1	021021	0m to 10m	Metre	135	2066.02	278912.70
A.2.2	021022	10m to 20m	Metre	135	2118.24	285962.40
A.2.3	021023	20m to 30m	Metre	135	2301.73	310733.55
A.3	021040	Erection of temporary working platform to drill bore hole through flowing/standing water through river bed up to water depth of 1.5m, and dismantling after completing work and removing from the site to clear the water way	Cum	2000	3620.20	7240400.00
A.4	021060	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 situ concrete footing as per codal provisions including excavation and refilling of trial pit				
A.4.1	021062	Plate size 45cm x 45cm	Each	40	151843.56	6073742.40
A.5	021070	Conducting in situ Vane shear test for soils as per IS: 4434	Each	10	2454.10	24541.00
A.6	021110	Taking out 100mm dia & 450mm long undistributed samples of soil from 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 undistributed samples where necessary. Samples shall be collected as per IS: 2720	Each	150	737.32	110598.00
A.7	021120	Taking out 100mm dia & 450mm long distributed samples of soil from bore holes, including provision of air tight containers for packing, labelling and transporting the samples to laboratory. Samples shall be collected as per IS: 2720	Each	150	865.73	129859.50
A.8	021130	Conducting standard penetration test as per IS: 2131 at approximate 1.5m intervals in bore holes, as directed by the Engineer in charge	Each	50	395.59	19779.50
A.9	021150	Conducting laboratory tests on collected soil samples as per relevant IS code				
A.9.1	021151	Moisture contents/ Dry density	Each	50	1015.38	50769.00
A.9.2	021152	Atterberg Limit	Each	50	1110.60	55530.00
A.9.3	021153	Specific Gravity	Each	50	661.14	33057.00
A.9.4	021154	Grain size analysis including Hydrometer analysis	Each	50	1672.70	83635.00
A.9.5	021155	Direct Shear Test	Each	50	2405.67	120283.50
A.9.6	021157	Consolidation test	Each	50	2503.06	125153.00
A.9.7	021158	Unconfined compression test	Each	20	2740.31	54806.20
A.9.8	021159	Tri-axial test	Each	50	2625.49	131274.50
A.10	021200 (IRUSSOR-2019)	Preparation and submission of Final report giving complete and comprehensive record of investigations, laboratory test reports and calculations in approved format	Each	1	85741.49	85741.49
Sub-Total Amount (Schedule-A)						17376774.74

Schedule-B : Survey and other works for DPR

Item No.	NON SOR	Description of Item	Unit	Qty	Rate	Amount
B.1	Non SOR	"Up dated pre-construction survey including establishment of control points along the proposed alignment (with the help of previously plotted alignment or as directed by the Rly Engineer suiting the local condition), and establishment of vertical control by fly leveling on traverse points which will also act as temporary bench mark for vertical control along the corridor using auto level, taking topography by total station along the best suited route to undertake modification as required to avoid build up area and other obstructions with such longitudinal and transverse level in order to obtain the optimum alignment for new BG Railway line including taking details up to 100m on either side of centre line for recording important features such as bridges, roads, rivers, nullahs, canals, overhead electric wire crossings, buildings etc. and all other incidental works, fly and fly back the bench mark level from Rly bench mark & GTS, to site at every 500M. The work includes pegging out of alignment @ 50m centre to centre on straight and 20m centre to centre on curves (Payment for concrete pillars to be done separately) including setting out of transition curves and working out quantities of earthwork in cutting/filling, bridges (Minor/Major), tunnels, level crossings etc. The rate also includes submission of four copies of report. The survey is to be done in terms of Para-420 to 474 of Indian Rly. Code of Engg Deptt. 2003. The rate also includes preparation and submission of six copies of the following and also provide soft copy in Autocad (i) Index map to scale 2.5 km to 1cm (ii) Index plan (iii) Plan of station yards (iv) Project sheets with full detail as required as per latest Engg Code. Note:- The levels shall be taken at every 20 meter interval and each 3 meter for cross section upto 30 meter beyond toe/edge of bank/ cutting of BG formation for cross section to work out earth work quantity." Manufacturing, supplying and planting of concrete/RCC (1:2:4) pillars of different size at every 500m interval along the centre line of the alignment and at approaches of major bridges for bench marks of curves etc. with contractor's own materials (cement, sand, aggregate) labour, tools & plants including all royalties and taxes applicable.	Kilometre	24.673	16618.36	410024.80



B.2	Non SOR	30cm x 30cm X 60cm pillars at 500m intervals and for bench mark	Each	50	342.29	17114.50
B.3	Non SOR	15cm x 15cm x 90cm square pillar to be erected at every 50m on straight and 20m on curve	Each	1200	256.72	308064.00
B.4	Non SOR	15cm x 15cm x 50cm triangular pillar to be erected at apex of the curves	Each	24	235.51	5652.24
B.5	Non SOR	10cm dia x 90cm long round pillar to be fixed at every tangent point of curves, at bridge approaches and other critical locations like road crossing etc.	Each	40	235.51	9420.40
B.6	Non SOR	Hydrological survey as per para 224 to 229 & 467 of Indian Rly. Code of Engg. Dept. corrected up to date for the major bridges including taking long section and 3 cross section of each river, one at the center line of the proposed bridges site and other two at 300m upstream and 200m downstream selected site at about 2Km apart down to the scale of 5m to 1cm and plan of the rivers to the scale to 50m to 1cm showing HFL, ordinary flood and low water level, submission of GAD of major Bridges based on hydraulic survey.	Each	20	58365.59	1167311.80
B.7	Non SOR	Preparation and submission of Detailed Structural design and working/construction drawings of all components of foundation and substructure including wing walls/return walls of major bridges as per direction of Engineer in Charge. The design will be based on Railways approved General Arrangement Drawings (GADs) and Rly/RDSO's approved superstructure drawings which can be collected from Railway. The rate includes- (i) Design & Drawings of necessary temporary arrangements, sequence of various stages of constructions, river/nallah protection works based on site condition. (ii) Proof checking of design and drawings of all components of foundations & sub-structures from professor/HOD of any IIT/NIT at contractor's own cost. (iii) Design of foundation and substructure is to be carried out based on the appropriate methodology of design, appropriate standard of IRS loading and as per relevant IS, BIS and Railway codes. (iv) Submission of two (2) copies of design calculation alongwith two (2) copies of each drawing on tracing paper (Double Mal) duly proof checked by the professor/HOD of any IIT/NIT for approval of Railway. (v) Carrying out modifications/corrections, if any, as advised by Railway during the course of approval of design and drawings. On approval of design and drawing by Railway, contractor shall submit ten (10) copies of each drawing on Ammonia printout alongwith on soft copy of each drawing on CD. Note: (i) All drawings are to be prepared as per Railway's standard size, format and detailing. (ii) All drawings are to be prepared on computer with latest version of AUTOCAD software. (iii) No material will be supplied by Railway except available data, site plan etc. Payment schedule shall be as under (a) 75% payment on approval of components of foundation and substructure design and drawings duly proof checked. (b) 25% payment on approval of working drawing. Note: No. of foundations of bridges designed i.e. total of abutments and piers will be considered for payment. Similar foundation of any bridge with same bore log data & same design features will not be considered for payment. Note- The unit of item is 'Each abutment/pier' instead of 'Each'.	Each	16	25118.54	401896.64
B.8	Non SOR	Preparation of GAD of Minor bridges/RUBs/LHSs on A-0/A-1 size based on the details collected such as hydrological survey/Railway standard drawing given by the Railway. The shall be prepared with AUTOCAD and shall be submitted on tracing paper along with six ammonia prints and in CD ROM/Pen drive.	Each	40	2390.12	95604.80
B.9	Non SOR	Preparation of Land Plans using Plane Table/Total Station along the proposed alignment for identification & measurement of land to be acquired and properties lying in the proposed land, requires for superimposition of revenue record. It also includes collecting details such as owner of land and property, type of structure, numbers of floors, land use pattern such as agriculture, commercial, barren, forest, etc and collection of all necessary revenue survey maps required for preparation of Land Acquisition proposals.	Km.	2	10135.20	20270.40
B.10	Non SOR	Preparation of Land Acquisition Proposals in Ten copies as per revenue departments requirements of Bihar and West Bengal states including collection of property cards, Abstract including superimposition of revenue record on proposed alignment and calculation and identification of area to be required. Preparation of statement of area to be acquired along with Land owners detail, etc. This item includes submission of proposals in required format to respective revenue officials for the publication of notifications under various sections of Land Acquisition Act with latest amendments or any other relevant act amended subsequently to accelerate acquisition of Land along with follow up for joint measurement order.	Km.	2	5552.24	11104.48
B.11	Non SOR	Submission of Project report for Final location survey and detailed estimate with preparation of detailed schedule of quantity for formation work, Ballast supply. The report should consist of quantity of Earthwork, Blanket material, Ballast, Length of retaining wall, length of side drains etc. Detail quantity of various items of Minor, Major, Important Bridges, ROB, RUB, and cost of estimate there of. The estimate shall be updated to include items as per the latest practice of Railway and Railway Board's instructions. The rates adopted for schedule of quantities and detailed estimate should be latest and realistic. Rate analysis should be submitted as per instruction of Engineer-in-Charge.	Each	1	100618.92	100618.92
B.12	Non SOR	Preparation and submission of existing and proposed layout and detailed working plan of Level crossing including goomties as per IRPWM on AUTOCAD and submission of print on white paper and tracing for approval. Six ammonia/white copies of each and soft copy in CD/Pen drive to be submitted after final approval by Railways.	Each	3	1599.21	4797.63
B.13	Non SOR	1. Details of work- Drone orthophoto generation as per new railway guidelines for the section between Gulma-Sivok-Bagrakot (Total: 24.00 Km). 2. Methodology- Drone will fly on the alignment (20m both sides from the centre line) preparing orthophotos which are ortho rectified and geometrically corrected. 3. Delivery- 1. Raw images (jpg format) (2cm GSD), 2. Final scaled and geopositioned orthophoto tiles in geotiff format for each 500m of 2cm resolution and resampled at 5cm GSD. 3. Final scaled and geopositioned orthotiles in jpg & amp. Sid compressed format of 2cm resolution and resampled at 5cm GSD. 4. Final scaled and geopositioned orthomosaic in jpg & amp. Sid format for each 5km. 5. Map file compatible to CAD/GIS in .shp format duly linked with attributes of assets. 6. Quality control report for positional accuracy assessment: Coordinates to be picked for atleast 5 well defined assets in 1Km length from google and same to be measured on the orthophoto for coordinate comparison. Note: Specifications should comply Rly. Board letter no. 2015/Track-1/24(1)/18/1 dated 09.10.2017 & No. 2015/Track 1/24(1)/18/1 Vol-I dated 19.03.2019) or specifications mentioned in Tender document, whichever are higher.	Kilometre	24.673	10731.02	264766.46



B.14	Non SOR	"Drone Videography for the section between Gulma-Sivok-Bagrakot (Total: 24.673 Km) by using UAV/Drone by capturing high resolution videography and delivering the geotagged videos along with a player facility to load and link image/drawing/other files etc. and linkage to GIS map like Google, Bhuvan etc. with overlay/sync facility should be available & row, alignment, structure, chainage and other important details can be incorporated in it (As per Railway Board Letter No. 2015/Track-1/24(1)/18/1 dated 09.10.2017 & No. 2015/Track 1/24(1)/18/1 Vol-I dated 19.03.2019)." "Deliverables include: 1. Raw 4k quality geotagged videos. 2. Merged seamless Geotagged video of at least 1920x1080 format (full HD) resolution with all annotations. 3. Facilities like Web and mobile (android and iOS) compatibility, video zoom in zoom out option, different speed viewing option, basic measurement function, video download function, annotation addition including GPS coordinates, various resolution viewing option, visualising and comparing Geovideos of 2 different period in sync, option to take HD picture of any asset visible in video. 4. Desktop and Web based Geovideo application platform facility to load & link image/drawings/other files etc. and linkage to GIS Map like Google, Bhuvan etc. with overlay/sync facility should be available. Right of way as per L-section, alignment, structures, chainage & other important details can be incorporated in it (As per Railway Board Letter No. 2015/Track-1/24(1)/18/1 dated 09.10.2017 & No. 2015/Track 1/24(1)/18/1 Vol-I dated 19.03.2019). 5. Web based Geovideo application platform for entire contract currency period from issue of LOA as well as additional 1-year period from DOC/extended DOC. Secured login ID & password to access the videos and data. 6. Submission of videography/ digital data, images in DVD/External Drive to Dy. CE office as per instructions of Engineer in Charge. 7. Georeferenced still images of important structures as decided by railway Engineer in charge.	Kilometre	24.673	4145.10	102272.05
Sub Total Amount (Schedule-B)						2918919.12
Schedule-C : Signalling Estimate and Associated works						
S No.	NON SOR	Description of Item	Unit	Qty	Rate	Amount
C.1	Non SOR	Detailed survey, design, preparation of Signalling plan based on ESP for the purpose of preparation of Estimate for signalling works for three station namely Gulma, Sivok Jn. and Bagrakot for proposed double line work in section Gulma to bagrakot in APDJ division of N.F.Railway. Electronic Interlocking with Standard II MACL signalling needs to be considered.	Stn.	3	151500.00	454500.00
C.2	Non SOR	Survey, Design, preparation of plan indicating telecom works including OFC & 6 Quad cable laying in the entire section from Gulma to Bagrakot including IBS in section Sivok-Bagrakot. The plan should indicate interfacing of existing telecom network of the control communication of the railway.	Km.	24.673	10100.00	249197.30
C.3	Non SOR	Design preparation of Signalling plan for IBS between stations Sivok-Bagrakot for the purpose of preparation of Detailed estimate for entire work. The plan should show the cable connectivity of IB Hut to the stations connecting the control of IBS in dual media with path diversity.	Block section	1	151500.00	151500.00
C.4	Non SOR	Preparation of Detailed Estimate for all the three station namely Gulma, Sivok & Bagrakot including IBS between Sivok-Bagrakot section and All telecom work from Gulma to Bagrakot with Interfacing with the existing telecom network of the division. Bothe OFC and 6 Quad cable communication for connectivity of IBS signalling arrangement to be provided. For general communication arrangement the OFC 48 Fibre OFC to be considered. The estimate should include provision of D&G charges with all other statutory fixed charges as per latest Railway Boards guideline and IRCON's profit margin @ 10%. Consideration of various scheme of signalling and signalling equipment should be made as per directives of Engineer in charge of the work.	No.	1	1010000.00	1010000.00
Sub-Total Amount (Schedule-C)						1865197.30
Schedule-D : Electrical Estimate and Associated works						
Item No.	NON SOR	Description of Item	Unit	Qty	Rate	Amount
D.1	Non SOR	Preparation and submission of design drawing of Sectioning diagram, Power Supply Diagram & traction working rule	Job	1	100000.00	100000.00
D.2	Non SOR	Preparation and submission of design drawing of Pegging plan and LOP and other documents as per requirement	TKM	50	35000.00	1750000.00
D.3	Non SOR	Preparation and submission of design drawing of SP/SSP including location Plan	Each	3	80000.00	240000.00
D.4	Non SOR	Preparation and submission of BOQ with explanatory notes for OHE, SP/SSP works	Job	1	200000.00	200000.00
D.5	Non SOR	Preparation and submission of modified drawing for General electrical (GE) works of existing station yard	Each	3	160000.00	480000.00
D.6	Non SOR	Preparation and submission of modified drawing for General electrical (GE) works of existing Level Crossing	Each	3	15000.00	45000.00
D.7	Non SOR	Preparation and submission of BOQ with latest rates for GE works in Station Yard & LC gates	Job	1	120000.00	120000.00
Sub-Total Amount (Schedule-D)						2935000.00
Schedule-E : Any other item not covered in above shall be executed as per NFR-USSOR-2021 (without GST)						
1	SOR	Any other item not covered in above shall be executed under NFR-USSOR-2021 (without GST)	L.S			2,00,000.00
Total Amount Without GST						2,52,95,891.16
Rate quoted by the agency (above/at par/below)					-25.07%	1,89,54,211.24
Add GST @18%						34,11,758.02
Total Amount (including GST)						2,23,65,969.26
Total Amount (in words): Rupees Two Crore Twenty Three Lakh Sixty Five Thousand Nine Hundred Sixty Nine and paisa Twenty Six Only						

