



इरकॉन इंटरनेशनल लिमिटेड



नवरत्नकंपनी

(भारत सरकार का उपक्रम)

IRCON INTERNATIONAL LIMITED

NAVRATNA COMPANY

(A Government of India Undertaking)

Ministry of Railways

An Integrated Engineering and Construction Company

Project Office: 1/7/2 Vaishnav Nagri, Nr. Ayappa Temple, Atul-Parnera Road, Dist. Valsad – 396 007

Email: ircon.3018@ircon.org

No. IRCON/3018/DFCCIL-CTP-12/e-Tender/MH/08-512/12261

Date: 27.03.2026

To,

M/s JMJ Infra Projects,

Flat No.403, 4th Floor, JJKB Tower-II,

Oriental Arcade Mahal, Jagatpura,

Jaipur Rural – 302017 (Rajasthan)

Email: rammec21@gmail.com

(Contact person: Mr. Ramniwas Sarswat/Proprietor)

Mb. +91-8561876921.

Sub: Misc Work like Providing and Fixing of Cubboard, Fire Hydrant, Water treatment plant and Misc Civil and electrical Work etc in Maharashtra Section of DFC CTP 12 Project CH 101+900 to CH 175+812 and at New Palghar and New Shaphale. : **Letter of Acceptance.**

Ref: i) e-Tender No: IRCON/3018/DFCCIL-CTP-12/e-Tender/MH/08-512 Dated 03.03.2026

ii) Tender Opened on Dated 20.03.2026

Dear Sir,

- 1) We are pleased to inform you that the competent authority of M/s Ircon International Limited has accepted your offer for the above subject work for a total amount of Rs. 3,17,20,809/- (Rupees Three Crore Seventeen Lakh Twenty Thousand Eight Hundred and Nine only) inclusive of GST@18% and other applicable taxes except labour cess as per the Bill of Quantities as Annexure –A.
- 2) This letter of acceptance shall constitute a legal and binding contract between M/s Ircon International Limited and M/s JMJ Infra Projects till such time the Contract Agreement is signed. You shall enter into and execute the contract agreement within 28 days from the date of issue of this letter of acceptance at the office of undersigned. You are requested to arrange the stamp duty papers of requisite value as per the prevailing laws for signing of contract agreement in terms of clause 12.5 of General condition of contract.

Head Office: C-4, District Centre, Saket, New Delhi 110017 INDIA

Tel: +91-11-29565666, Fax: +91-11-26854000, 26522000

Email: info@ircon.org Web: www.ircon.org

CIN-L45203DL1976GOI008171



- 3) You are requested to submit the Performance security of Rs. 15,86,041/- (5% of Contract value) initially valid up to stipulated date of completion plus 60 days, as per clause 8.0 of General Condition of Contract. The Performance Security shall be submitted within 21 days from the date of issue of Letter of Acceptance (LOA).
- 4) In case of Performance Security submitted in BG form same shall be issued as per the format enclosed at Annexure –B in the favour of M/s IRCON INTERNATIONAL LIMITED by using Structural Financial Messaging System Platform (SFMS) of the bank. The details required for BG Confirmation through SFMS platform is as under: -

a)	Name of the Bank & Branch Address of the M/s IRCON INTERNATIONAL LIMITED, DFC-CTP-12 Project, Mumbai.	BANK OF INDIA, Valsad Branch, Ground Floor, Shri Dixit Falia Anavil, Dixit Street, Panchwadi, Maholla, Valsad, Gujarat 396001.
b)	IFSC Code of the Branch mentioned	BKID0002900
c)	Email id of the project	ircon.3018@ircon.org

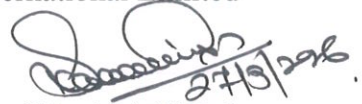
- 5) The Letter of Acceptance shall also be treated as Work Order and no separate work order will be issued.
- 6) The work shall be commenced immediately on receipt of this letter and entire work shall be completed in all respect within 2 (Two) Months in accordance with clause no. 12.0 of a special condition of contract.
- 7) You are advised to submit Program of Work in accordance with clause 20.0 of Special Condition of Contract within 15 days from the date of issue of this LOA.
- 8) All the documents that are submitted/ exchanged during tender process have to be referred at all times for clear understanding/ Interpretations of the contract conditions. Any deviation / conditions quoted by you, except those specifically mentioned in this LOA, stands deleted.
- 9) You are requested to take insurance coverage as per para 10.0 of special condition of contract.
- 10) You are advised to register with Shramik Kalyan Portal and follow labour laws as per contract. The compliances information shall be submitted to the office of General Manager on regular basis.
- 11) You are advised to submit GST invoice for Maharashtra.
- 12) The LOA is issued in duplicate. You are requested to return a signed, stamped & acceptance copy of LOA as a token of receipt and unconditional acceptance of this Letter



of Acceptance. All other terms and conditions contained in the e-tender no. IRCON/3018/DFCCIL-CTP-12/e-Tender/MH/08-512 Dated 03.03.2026 shall form an integral part of the contract.

Thanking you,

Yours faithfully
For and on behalf of
Ircon International Limited



(Shachish Sinha)

General Manager/PH

Encl: - As Above

Copy to: -

- i) DGM/Civil
- ii) M/Finance

IRCON GSTIN for Maharashtra: 27AAACI0684H1ZM

ANNEXURE-II

(to be executed on a non-judicial stamp paper of ₹100/- only)

PERFORMANCE BANK GUARANTEE (UNCONDITIONAL)

To
IRCON INTERNATIONAL LIMITED,

[Acting through _____ (Project
Incharge) & Address of the Project]

WHEREAS _____ [name and address of Contractor]
(hereinafter called "the Contractor") has undertaken, in
pursuance of Contract No. _____ dated _____
to execute the work of "_____
_____. " (hereinafter called "the Contract.");

AND WHEREAS it has been stipulated by you in the said Contract
that the Contractor shall furnish you with a Bank Guarantee by
a scheduled bank for the sum specified therein as performance
security for compliance with his obligations in accordance
with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank
Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and
responsible to you, on behalf of the Contractor, up to a total
of _____ [amount of Guarantee],
[amount in
words], such sum being payable in the types and proportions of
currencies in which the Contract Price is payable, and we
unconditionally agree and undertake to pay you, without any
demur or protest, at once, upon your first written demand and
without cavil or argument, any sum or sums within the limits
of _____ [amount of Guarantee] as mentioned in
demand letter, without requiring you to prove or to show
grounds or reasons for your such demand for the sum specified
therein, in the first letter of invocation.

We hereby waive the necessity of your demanding the said
amount under bank guarantee from the Contractor before
presenting us with the demand.

We further agree that no change or addition to or other
modification of the terms of the Contract or of the Works to



be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid upto _____ (a date 60 days from the date of completion of the work).

We, the _____ Bank further agree that this guarantee shall be invokable at our place of business at New Delhi/NCR/Project HQ (Indicate detail address of branch with Code No.)*. The branch at New Delhi/NCR/Project HQ is being advised accordingly.

This Bank Guarantee shall be operative only if it is accompanied by a separate advice sent by _____ (Name of Issuing Bank, with address) on _____ (Name of Employer's Bank, with address) IFS Code _____ through Structured Financial Messaging System (SFMS) and authenticated by the Employer's Bank.

SIGNATURE AND SEAL OF THE GUARANTOR

Name of Bank: _____
Address: _____
Date: _____

*The Bank should indicate detailed address of New Delhi/NCR/Project HQ branch along with its Code No.



Annexure -A

Name of Work: Misc Work like Providing and Fixing of Cubboard, Fire Hydrant, Water treatment plant and Misc Civil and electrical Work etc in Maharastra Section of DFC CTP 12 Project CH 101+900 to CH 175+812 and at New Palghar and New Shaphale".

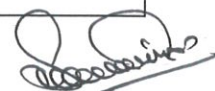
Tender No.: IRCON/3018/DFCCIL-CTP-12/e-Tender/MH/08-512 Dated 03.03.2026

BILL OF QUANTITIES (BOQ)

S.No.	Description	Unit	Rate	Quantity	Amount
	Schedule 1 -- DSR Items				
A	SCHEDULE A - EARTHWORK				
A1	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	17.6	500.00	8,800.00
A2	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer in-charge				
A2.1	All kind of Soil	Cum	177.5	400.00	71,000.00
A3	Excavating trenches by mechanical / manual means of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50m :				
A3.1	Pipes, cables etc. not exceeding 80 mm dia.	Meter	215.6	1500.00	3,23,400.00
A3.2	Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	Meter	352.15	100.00	35,215.00
A3.3	Pipes, cables etc. exceeding 300 mm dia but not exceeding 600 mm	Meter	549.75	40.00	21,990.00
A4	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete				
A4.1	Providing and laying RCC pipe with Collar joint 150 mm dia	Meter	556.45	50.00	27,822.50
A4.2	Providing and laying RCC pipe with collar joint 450 mm dia	Meter	1,620.95	20.00	32,419.00
A5	Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design				
A5.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	5,957.90	15.00	89,368.50
A6	Earthwork in excavation by mechanical means (Hydraulic Excavator)/Manual Means over areas (exceeding 30 cm in depth, 1.5 mtr in width as well as 10 sqm on plane) including getting out and disposal of excavated earth lead upto 50 m and lift up to 1.5 m , as directed by Engineer in charge.				
A6.1	Ordinary Rock	Cum	498.9	40.00	19,956.00
A6.2	Hard Rock (prohibited blasting)	Cum	1,432.95	40.00	57,318.00
	Sub total of Schedule A (Rs.)				6,87,289.00
B	SCHEDULE B-STRUCTURES/ Concrete work- PCC/RCC				
B1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
B1.1	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum	7,878.50	220.00	17,33,270.00
B2	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum	8,340.85	30.00	2,50,225.50

S.No.	Description	Unit	Rate	Quantity	Amount
B3	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work including all lead lift; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge, for the following grades of concrete.: Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement				
B3.1	Concrete of M25 grade	Cum	9,504.75	100.00	9,50,475.00
B3.2	Concrete of M30 grade	Cum	9,655.70	45.00	4,34,506.50
B3.3	Concrete of M35 grade	Cum	9,806.70	6.00	58,840.20
B4	Centering and shuttering including strutting, propping etc. and removal of form for	Sqm			
B4.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	392.15	200.00	78,430.00
B4.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	Sqm	842.5	260.00	2,19,050.00
B4.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	927.25	100.00	92,725.00
B4.4	Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	736.4	100.00	73,640.00
B4.5	Columns, piers, abutments, pillars, posts and struts	Sqm	961.3	100.00	96,130.00
	Sub total of Schedule B (Rs.)				39,87,292.20
C	SCHEDULE C- BITUMINOUS ROAD WITH SHOULDER				
C1	Tack Coat: Providing and applying tack coat using hot straight run bitumen of grade VG - 10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen cleaning and preparing the existing road surface confirming to IS:8887 as per specifications on Bituminous surface @0.5 kg/sqm	Sqm	48.19	100.00	4,819.00
C2	DBM: Providing, laying, spreading and compacting of Dense graded bituminous Macadam as per drawings & specifications, all material, manpower, machinery & other resources complete.	Cum	11,129.55	25.00	2,78,238.75
C3	Bituminous Concrete: Providing, laying, spreading and compacting of Bituminous concrete as per drawings & specifications, all material, manpower, machinery & other resources complete.	Cum	12,126.20	60.00	7,27,572.00
C4	GSB: Providing, laying, spreading and compacting of granular sub-base as per drawings & specifications, all material, manpower, machinery & other resources complete.	Cum	2,784.00	60.00	1,67,040.00
C5	Providing and applying 2.5 mm thick road marking strips (retro-reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications.	Sqm	747.8	150.00	1,12,170.00
C6	Providing and laying factorymade chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratorymethod using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineerin- Charge.				
C6.1	60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.	Sqm	1,045.64	150.00	1,56,846.00

S.No.	Description	Unit	Rate	Quantity	Amount
C7	Providing and placing in position factory made machine batched & machine mixed Precast RCC Rectangular Covers on drains of footpath of various approved sizes, of M-25 grade cement concrete for RCC work, including cost of centering, shuttering, reinforcement of 8 mm dia TMT bars of Fe 500 grade @ maximum 100mm c/c on both ways, neat cement punning on finished surface, properly encased on all edges with 1.6 mm thick, 100 mm wide MS sheet duly painted over priming coat, reinforcement to be welded at edges with MS sheet and providing 2 Nos. 12 mm dia bar for hooks etc i/c cost of cartage, all leads & lift, handling at site etc. all complete as per direction of Engineer-in-Charge.	Sqm	3,081.93	20.00	61,638.60
C8	Laying at or near ground level factory made kerb stones of M-25 grade cement concrete all in position to the required line, level and curvature, jointed with cement mortar 1 (1 cement 3 coarse sand), including making joints with or without grooves of joints, (thickness of joints except at sharp curve, shall not more than 5 mm), including making drainage opening wherever required etc. complete as per direction of Engineer-in-charge. (Length of finished kerb edging shall measured to calculate for payment	cum	10,117.58	10.00	1,01,175.80
C9	Surface dressing on old surface with hot bitumen of grade VG - 10 of approved quality using 1.95 kg of bitumen per sqm with 1.50 cum of stone chippings 11.2 mm nominal size per 100 sqm of road surface, including consolidation with road roller of 6 to 8 tonne capacity, etc., complete.	Sqm	175.1	50.00	8,755.00
C10	Surface dressing one coat on old surface with bitumen of specified grade at the rate of 1.22 kg/ sqm of surface area with 1.10 cum of stone chippings 11.2 mm nominal size per 100 sqm of road surface, including consolidation with road roller of 6 to 8 tonne capacity etc., complete				
C10.1	Using bitumen emulsion (minimum 50% bitumen content- RS grade conforming to IS : 8887)	Sqm	125.3	50.00	6,265.00
C11	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete.	cum	7,993.80	6.00	47,962.80
C12	Providing and laying design mix cement concrete of M-30 grade, in roads/ taxi tracks/ runways, using cement content as per design mix, using coarse sand and graded stone aggregate of 40 mm nominal size in appropriate proportions as per approved & specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting mechanically by using needle and surface vibrators, levelling to required slope/ camber, finishing with required texture, including steel form work with sturdy M.S. channel sections, curing, making provision for contraction/ expansion, construction & longitudinal joints (10 mm wide x 50 mm deep) by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in-charge (Item of joint fillers, sealants, dowel bars with sleeve/ tie bars to be paid separately).				
C12.1	Cement concrete manufactured in automatic batching plant (RMC plant) including transportation to site in transit mixer	cum	11,098.45	16.00	1,77,575.20
	Sub total of Schedule C (Rs.)				18,50,058.15
D	SCHEDULE D - Repairs to Buildings				
D1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.				
D1.1	With cement mortar 1:4 (1cement: 4 coarse sand).	Sqm	560.5	50.00	28,025.00
D2	Cleaning and desilting of gully trap chamber/ other chambers including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of Engineer-in-charge.	each	108.3	30.00	3,249.00



S.No.	Description	Unit	Rate	Quantity	Amount
D3	Cleaning of choked sewer line by diesel running vehicle mounting hydraulic operated high pressure suction cum jetting sewer cleaning machine fitted with pump having 4000 litres suction capacity and 6000 litres water jetting tank capacity including skilled operator, supervising engineer etc. for cleaning and partial desilting of manholes and dechocking of sewer lines. Dechocking and flushing of sewer line from one manhole to another by high pressure jetting system of 2200 PSI for sewer line from 150mm dia upto 300mm.	Metre	340.75	150.00	51,112.50
D4	Cleaning of under ground sump, Over Head R.C.C. Tank (independent staging) including disposal of slit and rubbish, all as per direction of Engineer-in-Charge. The cleaning shall consist following operations:- (i) Tank shall be emptied of water by pumping & bottom shall be cleaned of silt and other deposits. (ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water. (iii) Chlorination of RCC internal surface by liquid chlorine. (iv) The treated surface shall be dried using air jetting and all loose particles shall be removal from the surface. (v) Finally the surface shall be treated with ultraviolet radiation etc. as per direction of Engineer-in-Charge.	Sqm	84.85	100.00	8,485.00
D5	Demolishing R.C.C. work by mechanical means and stockpiling at designated locations and disposal of dismantled materials up to a lead of 1 kilometre, stacking serviceable and unserviceable material separately including cutting reinforcement bars.	Cum	2,818.90	155.00	4,36,929.50
D6	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.				
D6.1	With water thinnable cement primer on wall surfac having VOC content less than 50 grams/litre	Sqm	73.95	300.00	22,185.00
D7	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.				
D7.1	On Steel Work	Sqm	241.75	600.00	1,45,050.00
D7.2	On Concrete Work	Sqm	235.15	6000.00	14,10,900.00
D8	Lettering with black Japan paint of approved brand and manufacture	per letter per cm height	6.15	10000.00	61,500.00
D9	Wall painting and ceiling with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour				
D9.1	One Coat	Sqm	95.45	110.00	10,499.50
D9.2	Two Coat	Sqm	142.8	80.00	11,424.00
D10	Polishing on wood work with ready made wax polish of approved brand and manufacture				
D10.1	Old Work	Sqm	99.8	100.00	9,980.00
D11	Finishing walls with water proofing cement paint of required shade :				
D11.1	Old work (one or more coats applied @ 2.20 kg/10 sqm) over priming coat of primer applied @ 0.80 litres/10 sqm complete including cost of Priming coat.	Sqm	112.9	200.00	22,580.00
D12	Finishing walls with textured exterior paint of required shade :				
D12.1	Old work (Two or more coats on existing cement paint surface applied @ 3.28 ltr/10 sqm.	Sqm	169.2	500.00	84,600.00
D13	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shad				
D13.1	Old work (Two or more coats applied @ 1.43 ltr/ 10 sqm) over existing cement paint surface	Sqm	131.3	325.00	42,672.50

S.No.	Description	Unit	Rate	Quantity	Amount
D14	Cleaning of terrace/loft water storage tank (inside surface area) upto 2000 litre capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba all complete as per direction of Engineer in-Charge. (The old date already written on tank should be removed with paint remover or black paint and if date is not written with the stencil or old date is not removed deduction will be made @ Rs. 0.10 per litre) (if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account)	Litre	0.5	30000.00	15,000.00
D15	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge.	Each	429.1	15.00	6,436.50
D16	Providing and fixing G.I. pipes complete with G.I. fittings including painting, trenching and refilling etc. external works				
D16.1	25 mm dia nominal bore	meter	467.75	70.00	32,742.50
D16.2	32 mm dia nominal bore	metre	540.3	100.00	54,030.00
D16.3	40 mm dia nominal bore	metre	617.06	100.00	61,706.00
D16.4	50 mm dia nominal bore	metre	762.17	150.00	1,14,325.50
D16.5	65 mm dia nominal bore	metre	896.58	150.00	1,34,487.00
D16.6	80 mm dia	metre	1041.69	1400.00	14,58,366.00
D17	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and m spacing. This includes jointing of pipes & fittings with one step CPVCfixing the pipe with clamps at 1.0 solvent cement and the cost of cutting chases and making good the same including testing of joints omplete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls and removal of old pipes and there disposal etc all complete				
D17.1	20 mm dia nominal bore	metre	537.6	100.00	53,760.00
D17.2	25 mm dia nominal bore	metre	627.25	100.00	62,725.00
D18	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. (All kinds of soil).	Sqm	34.15	1000.00	34,150.00
D19	Providing & laying Selection no. 1 doob grass turf/any other equivalent grass duly approved by engineer in charger with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with required tools wooden and than rolling the surface with light roller make the surface smoothen and light watering the same maintenance for 30 days or more till the grass establish properly,as per direction of officer in charge, including manure etc all complete.	Sqm	93.04	200.00	18,608.00
D20	Providing and laying Autoclaved Aerated concrete(AAC) blocks masonry with 150 mm to 300 mm thick with Grade-1 AAC blocks of density 551 to 650 kg/cum conforming to IS:2185 (Part 3) in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for seperately)..	cum	8333.63	20.00	1,66,672.60
D21	Cement Plaster(In Fine Sand) including chicken wire mesh including staging etc all complete				
D21.1	(a) 1 : 6 (1 Cement : 6 CS)	Sqm	343.65	400.00	1,37,460.00
D21.2	(b) 1 : 3 (1 Cement : 3 fine sand)	Sqm	300.15	24.00	7,203.60
D22	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) finished with a top layer 6 mm thick cement plaster 1:6 (1 cement : 6 fine sand).	Sqm	518.55	750.00	3,88,912.50
D23	Pebble dash plaster upto 10 m height above ground level with a mixture of washed pebble or crushed stone 6 mm to 12.5 mm nominal size, dashed over and including fresh plaster in two layers under layer 12 mm cement plaster 1:4 (1 cement : 4 coarse sand) and top layer 10 mm cement plaster with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 10% finely grounded hydrated lime by volume of cement.	Sqm	829.95	260.00	2,15,787.00

S.No.	Description	Unit	Rate	Quantity	Amount
D24	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	262.7	240.00	63,048.00
D25	Finishing walls with Acrylic Smooth exterior paint of required shade				
D25.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	Sqm	160.6	800.00	1,28,480.00
D26	Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete - 125mm	No's	119.2	150.00	17,880.00
D27	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete - Single rubber stopper	No's	35.5	80.00	2,840.00
	Sub total of Schedule D (Rs.)				55,23,812.20
E	SCHEDULE E -MISCELLANEOUS WORK				
E1	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	kg	133.7	26000.00	34,76,200.00
E2	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.				
E2.1	80x1.25 mm M.S. laths with 1.25 mm thick top cover	Sqm	3,653.20	20.00	73,064.00
E2.2	Providing and fixing ball bearing for rolling shutters.	Each	492.35	8.00	3,938.80
E3	Extra for providing mechanical device chain and crank operation for operating rolling shutters.				
E3.1	Exceeding 10.00 sqm and upto 16.80 sqm in the area	Sqm	1,281.35	20.00	25,627.00
E4	Extra for providing grilled rolling shutters manufactured out of 8 mm dia M.S. bar instead of laths as per design approved by Engineer-in-charge, (area of grill to be measured).	Sqm	768.25	20.00	15,365.00
E5	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws :				
E5.1	35 mm thick shutters With ISI marked stainless steel butt hinges of required size Second class teak wood	Sqm	5,045.85	240.00	12,11,004.00
E6	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
E6.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	598.6	1840.00	11,01,424.00
E7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
E7.1	In cement mortar	Cum	2,060.20	15.00	30,903.00
E8	Dismantling dressed stone work ashlar face stone work, marble work or precast concrete work manually/ by mechanical means including stacking of serviceable and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :				
E8.1	In cement mortar	Cum	2,877.75	25.00	71,943.75
E9	Providing and Fixing Water Pump in Bore well of 1.5 HP to 2 HP including all electrical fitting etc.	Nos	45,000.00	8.00	3,60,000.00
E10	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer-in-charge.	Sqm	1,147.20	90.00	1,03,248.00

S.No.	Description	Unit	Rate	Quantity	Amount
E11	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	SQM	1313.62	10.00	13,136.20
E12	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
E12.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	SQM	155.9	200.00	31,180.00
E13	Providing and Fixing on wall face unplasticised - PVC moulded Fittings/ accessories.....Coupler 110 MM dia	NO'S	136.13	15.00	2,041.95
E14	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be struted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used.				
E14.1	With G.I. barbed wire	Meter	22.1	5000.00	1,10,500.00
E15	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required -510x1040 mm bowl depth 250 mm	No's	6008.45	10.00	60,084.50
E16	Supplying and making Straight through Joint with Heat Shrinkable Kit including Ferrulls and other Jointing materials for following size of PVC insulated and PVC sheather /XLPE aluminium conductor cable of 1.1 KV Grade as required				
E16.1	4CX35 Sqmm Copper	Each	3,363.00	2.00	6,726.00
E16.2	3.5CX95 Sqmm Aluminium	Each	3,517.00	4.00	14,068.00
E16.3	3.5CX300 Sqmm Aluminium	Each	6,107.00	1.00	6,107.00
E16.4	3.5CX240 Sqmm Aluminium	Each	4,919.00	1.00	4,919.00
E17	Excavation for cable trenches in soft soil, depth upto 1.2 m including including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 meter. For repairing of cables	RM	120	100.00	12,000.00
	Sub total of Schedule E (Rs.)				67,33,480.20
	Total amount of Schedule 1 -- DSR Items (A+B+C+D+E with all applicable taxes (Rs.))				1,87,81,931.75
	Schedule 2 -- Non - DSR Items				
F	SCHEDULE F - Misc Formation Road/Rail				
F1	Supplying, spreading, grading, compacting etc. SUBGRADE approved layer on top of embankment in formation, road etc with contractor's own material, labour, machinery etc. The rate includes cost of all materials, lead, lift, ascend, descend, mixing, loading transportation, unloading, compacting, taxes, royalty etc complete.	Cum	1,002.50	50.00	50,125.00
F2	Supplying, spreading, grading, compacting etc. all in complete for BLANKETING LAYER with contractor's own material, labour, machinery etc. The rate includes cost of all materials, lead, lift, ascend, descend, mixing, loading, transportation, unloading, compacting, taxes, royalty etc complete. The rate also includes cost of blending natural/crushed material, in a mechanical mixing plant, as may be necessary to achieve uniform conformity with specification and premixing with water at OMC.	Cum	1,840.50	900.00	16,56,450.00
	Sub total of Schedule F (Rs.)				17,06,575.00

S.No.	Description	Unit	Rate	Quantity	Amount
G	SCHEDULE G - Structures				
G1	Providing and Cutting, bending, placing and tying of Steel Reinforcement including all machinery, materials, binding wire, labours etc. at any level including all leads and lifts as per drawings and technical specifications. Full length rebar will be supplied by client at contractor depot free of cost.	MT	95104	12.00	11,41,248.00
G2	230/300 mm thick graded stone pitching in flooring, embankment slopes and bridge approaches etc including the cost of supply of all materials, labour, lead, lift, tools, plants, crossing of tracks and the like as per drawing and technical specification as directed by Engineer.	cum	2,248.09	100.00	2,24,809.00
	Sub total of Schedule G (Rs.)				13,66,057.00
H	SCHEDULE H - MISCELLANEOUS WORK				
H1	Providing & fixing precast solid of approved sizes ETC /BTC, Boundary Pillar etc including all lead painting etc all complete as per directions of engineer in charge.	No's	1,338.14	50.00	66,907.00
H2	Supply of RO WTP plant of approved make from client of 3 cum/hr capacity in New crossing stations of DFC in Maharastra section including loading , unloading , freight etc all complete.	each	5,12,946.00	2.00	10,25,892.00
H3	Installation including automation and commissioning of the WTP plant.	each	94,990.00	2.00	1,89,980.00
H4	Supply & Installation of approved make submersible water pumps of min 4 hp capacity or as per approved drawings for pumping filtered water to water tanks in the station area	each	75,049.06	8.00	6,00,392.48
H5	Supply & Installation of approved make submersible water pumps of min 3 hp capacity or as per approved drawings for pumping raw water to RO plant	each	50,149.00	4.00	2,00,596.00
H6	Supply & Installation of approved make 7.5hp capacity, 180 cum/h , 16 bar pressure flow rate pump for RO plant as per approved	each	1,25,000.00	2.00	2,50,000.00
H7	Supply & installation of the auto panel unit for automation	each	1,00,000.00	2.00	2,00,000.00
H8	Supply & installation of header for the pumping system	each	40,000.00	2.00	80,000.00
H9	Supply & installation of pressure vessel to maintain min 4kgf pressure in the water pipeline	each	35,000.00	2.00	70,000.00
H10	Providing 2 way 12V DC solenoid valves along with unit to convert the AC supply into DC including fixing of boxes and solenoid near the water tanks in the existing pipeline	each	3,500.00	14.00	49,000.00
H11	Providing and laying boulders apron on river bed for protection against scour with stone boulders weighing not less than 35kgs each with voids filled with spalls complete as per drawing and Technical Specification.	Cum	2,562.51	20.00	51,250.20
H12	Supply , installation and fixing of 17mm thick wardrobe and almirah from approved prelaminated particle board including providing ss handle , godrej or equivalent make approved locks, hinges etc all complete. , including transportation all complete. The rates are of elevation of the wardrobe/ almirah/ kitchen cabinet and nothing extra shall be paid	Sqm	8,832.00	330.00	29,14,560.00
H13	Fixing of Nozzles and Sockets where heavy leakage is occurring and injecting PU Grouting with high intensity approved PU chemical with the help of high pressure PU Grouting pump etc. all complete in good condition.	Kg	3,068.00	350.00	10,73,800.00
H14	Supply, installation and commissioning of fire fighting hydrant installation including providing 100mm dia (G.I pipe) , butterfly valve , NRV , air release valve , hose box double and reel drum, pressure guage , pressure switch and 7.5 hp pump of approved makes including making foundation for the pump, labour , electrical wiring where ever necessary & material cost all complete as per the below metioned				
H14.1	100mm butterfly valve	No's	4,130.00	2.00	8,260.00
H14.2	100mm NRV	No's	5,664.00	2.00	11,328.00
H14.3	1" air release valve	No's	2,655.00	2.00	5,310.00
H14.4	HY valve 202- 160 pcd	No's	3,540.00	4.00	14,160.00
H14.5	Hose box double (big)	No's	6,372.00	4.00	25,488.00
H14.6	hose reel drum	No's	5,900.00	4.00	23,600.00
H14.7	inlet two way	No's	5,310.00	2.00	10,620.00
H14.8	pressure gauge	No's	2,655.00	2.00	5,310.00
H14.9	pressure switch	No's	3,304.00	2.00	6,608.00
H14.10	7.5hp pump	No's	47,318.00	2.00	94,636.00
H14.11	7.5hp auto penal	No's	1,770.00	2.00	3,540.00
H14.12	pump connection cable	M	177	100.00	17,700.00

S.No.	Description	Unit	Rate	Quantity	Amount
H15	Providing and fixing pelmet on doors and windows of approved ply boards and providing laminates with SS handle bars including screwing etc all complete as per the approved drawings/approvals	M	1,400.00	200.00	2,80,000.00
H16	Detection of cable faults through Cabel fault locator	Each	5,000.00	8.00	40,000.00
H17	Supply & replacement of 3-pole, DN3-630D, 36 kA, 415V, Microprocessor Release MTX2.0, Motorised (DN3-SEO) Mechanism module with SDE Adaptor (220-240V), MCCB, UV relay, shunt release etc., in existing LT Panels in EASS (Lauritz Knudsen make)	Each	75,100.00	2.00	1,50,200.00
H18	Supply & Installation of Ceiling Mounted Occupancy Motion Detector for Automatic Lighting Control (Slim Size) at Station & service Buildings	Each	762.45	30.00	22,873.50
H19	Supply, blowing, Testing of Armoured 12 Fiber Multitube Fibre Optic Cable as per specification of M/s HFCL in existing OFC Duct (as per IEC 60793, ANSI/ICEA S-87-640, RoHS, Specifications)	Meter	106.2	3000.00	3,18,600.00
H20	Providing and fixing G.I. pipes complete with G.I. fittings including painting, trenching and refilling etc. external works				
H20.1	100mm dia pipe	M	4,945.38	48.00	2,37,378.24
H21	Installation of FUJI make U-precast drain of approved size as per drawing with proper line & level including backfilling with approved quality material, consolidation and dressing, sealing of joints, cost of water, electricity, other charges etc. complete as per specification and direction of engineer in charge (FUJI drain will be supplied by IRCON free of cost. Excavation and concrete will be paid separately)	M	523.7	750.00	3,92,775.00
H22	Supply of Road Signage Board as mentioned below for New DFCCIL Crossing Station at Ancheli, Pardi & Umbergaon as per approved Drawings.				
H22.1	Cautionary Sign Board (900*900 mm Triangle, 50 mm MS Pipe)	No's	6,814.50	24.00	1,63,548.00
H22.2	Mandatory Sign Board (600*600 mm Round, 50 mm MS Pipe)	No's	6,308.28	16.00	1,00,932.48
H22.3	Flag Type Village (2440*1524 mm, Two Pole 50 mm MS Pipe)	No's	39,842.11	11.00	4,38,263.21
H22.4	Flag Type Village (1830*1615 mm, Two Pole 50 mm MS Pipe)	No's	31,022.20	8.00	2,48,177.60
H22.5	Junction Sign Board (3050*1524 mm, Three Pole, 65 mm MS Pipe)	No's	51,582.52	2.00	1,03,165.04
H23	Providing and installation of Solar water Heater(150 LPD) including pipes all complete, jointing with pipes, making good connections etc all	No's	61,086.07	14.00	8,55,204.98
H24	Providing and installation of Solar water Heater(100 LPD) including pipes all complete, jointing with pipes, making good connections etc all complete	No's	52,862.95	15.00	7,92,944.25
H25	Supply of TMT -500D bars of steel as per requirements	Kg	78.93	22000.00	17,36,460.00
H26	Hire and running charges of 12 MT Hydra and accessories including maintenance and cost of fuel / lubricants & operators for running at site including transportation and shifting all complete	per day	7,181.10	50.00	3,59,055.00
H27	Supply of tractor with trolley with operator, Diesel and other required assistance at site including transportation and shifting all complete	per day	1,919.70	50.00	95,985.00
H28	Excavating, supplying and filling of local earth (including royalty) by mechanical/manually labour transport also including ramming and watering of the earth in layers not exceeding 20 cm in foundation trenches, plinth, sides of foundation & embankment, including repair.	Cum	723.69	1800.00	13,02,642.00
H29	Patch repairing of road surface pot holes with INSTAPATCH ready mix Bitumen polymer based (Mixture of stone grit 6-12mm bitumen activator) 25mm thick. including cleaning/ preparation of the surface and filling of the pot holes with tone aggregate of required size, compaction with contractors hand road roller tc., including all materials, labour tools and plants, lead, lift, complete in all respect and as directed by the Engineer-in-charge at site and maintaining up to ten months after completion of work.	Sqm	795.6	50.00	39,780.00
H30	Providing and fixing SS tower bolts -150mm	No's	200	80.00	16,000.00
H31	Providing and fixing SS aldrop - 150mm	No's	350	80.00	28,000.00
	Sub total of Schedule H (Rs.)				1,47,20,921.98
	Total amount of Schedule 2 -- Non DSR Items (F+G+H with all applicable taxes (Rs.)				1,77,93,553.98
K	SCHEDULE K -MISCELLANEOUS WORK				

S.No.	Description	Unit	Rate	Quantity	Amount
K1	Grouting of masonry/concrete by injection process duly Sealing of cracks, through nipples complete as per Technical Specification and procedure given in IRBM Para No 209 including necessary admixutre. (Cement wil be paid extra)				
K1.1	Epoxy Grout.	kg	1,263.13	200.00	2,52,626.00
K2	Removal of GFN liners and insersation of Metal liners in place of GFN liners in points and crossing (Including x-over & all three approaches pf turnouts)in all yards.Track shall be handed over in same condition as track taken over ny agency befor work.				
K2.1	1 in 12 T/outs with approaches & x-over	Per Turnout	1,000.00	25.00	25,000.00
K2.2	1 in 8.5 T/outs with approaches & x-over	Per Turnout	800	2.00	1,600.00
K2.3	1 IN 8.5 D/Swith approaches & x-over	Per Turnout	400	7.00	2,800.00
	Sub total of Schedule K (Rs.)				2,82,026.00
L	Any other items as per Western Railway standard schedule of Rates USSOR or DSR 2023.	LS	10,00,000.00		10,00,000.00
Grand Total Amount including BOQ Items and NS Items With All Taxes etc.					3,78,57,511.73
Quoted Percentage (Below)				-16.21%	-61,36,702.65
Grand Total amount including GST 18%, after Quoted Rate					3,17,20,809.00

