

**Tender No: BMRCL/Travellator (R5 CSB to Ph2A/P1 CSB) / Works /RT/2026/148**



## **BANGALORE METRO RAIL PROJECT, PHASE-2**

**Name of the Work: “Civil and Structural works including Architectural finishes for Travellator and Connecting Walkway between Reach-5/Phase-2 / Yellow Line Central Silk Board Station to Blue line ORR Central Silk Board Station of Bangalore Metro Rail Project, Phase-2A”.**

**FINANCIAL DOCUMENT  
(Pricing Document)**

**VOLUME -5**

**MAY-2026**



## **SECTION – M: FINANCIAL DOCUMENT**

**PRICING DOCUMENT - LETTER OF PRICE BID**

(To be submitted in the letter head of the Tenderer)

Ref:

Dated.....

(Tenderer to provide date and reference no.)

To

The Managing Director,  
Bangalore Metro Rail Corporation Ltd.  
Third floor, BMTC Complex  
KH Road, Shanthinagar  
Bangalore-560027, Karnataka,  
India.

Dear Sir,

Priced document for ..... (Name of Work) and ..... (Tender No.).

1. We, hereby submit our priced document for the above-mentioned work.
2. We understand that in the event of any information furnished by us being found later on to be incorrect or any material information having been suppressed, the following action can be taken in addition to the Provisions of **Para 4.33 of GCC**.
  - (i) Any tender submitted by us in future for other works on the basis of qualification may not be considered.
  - (ii) If any tender from us is accepted and a contract awarded to us on the basis of our qualification, the tender acceptance may be withdrawn and the contract awarded to us may be cancelled without any financial claim request from our side.
  - (iii) Our name will/may be removed from the panel of qualified agencies.

Yours faithfully,

(Signature) .....

Name of signatory: .....

Capacity of Signatory: .....Name and address of Tenderer

### PREAMBLE TO BILL OF QUANTITIES

1. The work is for “Civil and Structural works including Architectural finishes for Travellator and Connecting Walkway between Reach-5/Phase-2 / Yellow Line Central Silk Board Station to Blue line ORR Central Silk Board Station of Bangalore Metro Rail Project, Phase-2A”.
2. This Bill of Quantities (BOQ) forms an integral part of the Contract and shall be read and interpreted together with all Tender and Contract Documents including the Instructions to Tenderers (ITT), General Conditions of Contract (GCC), Special Conditions of Contract (SCC), Employer’s Requirements, Scope of Work, Technical Specifications, Drawings, Schedules, Appendices, Addenda and Corrigenda. Submission of the priced BOQ shall be deemed to constitute full and complete understanding of all obligations, conditions and requirements prescribed under the Contract.
3. The quantities given in the Price Bid - “Bill of Quantities (BOQ)” is estimated and is provisional. The basis of payment will be;
  - i. as per the actual quantities of work ordered and carried out, as measured by the Contractor and verified by the Engineer and valued at the rates in the accepted priced Price Bid – “Summary of Bill of Quantities” for BoQ Schedule A to F.
  - ii. as per the “SCHEDULE OF STAGE PAYMENTS” of this pricing document.
4. The rates and prices quoted by the Contractor shall be comprehensive and all-inclusive, covering complete and finished execution of the work. Unless specifically stated otherwise, the rates shall include labour, materials, plant and equipment, machinery, batching plants, casting yards, tools, consumables, fuel, power, water, transportation, all leads and lifts, handling, loading, unloading, wastage, dewatering, temporary works, formwork, false work, scaffolding, centering, shuttering (including multi-stage propping), launching arrangements, construction and removal of temporary site facilities, offices, stores, lighting, fencing, access arrangements, overheads, supervision, profit, establishment charges, contingencies and all incidental requirements necessary for satisfactory completion of the Works.
5. The rates shall be deemed to include all safety measures for personnel and the public, protection of adjoining properties, labour accommodation, welfare and medical facilities, and all insurances required under the Contract including Works Insurance, Third-Party Liability Insurance and Labour Insurance.
6. Quoted Price includes all applicable taxes, duties, cess, royalties, and statutory levies as per the laws in force as on last day of the month previous to the month of invitation of this tender **except Goods and Services Tax (GST)**. GST will be reimbursed as per applicable law.
7. The Contractor shall be responsible for all risks, liabilities and obligations arising during execution, including rectification of defects during the Defects Liability Period.
8. The Tenderer shall quote a single percentage (Above/Below/At Par) in figures, up to two decimal places, uniformly applicable to all schedules of the BOQ.
9. Measurements shall be carried out strictly in accordance with the methods prescribed in the Technical Specifications, BOQ descriptions and relevant provisions of the Contract.
10. The BOQ rates shall apply universally irrespective of height, depth, lead, lift, location, accessibility, shape, size, working levels or any physical or logistical conditions. No extra payment shall be admissible on account of such variations.
11. The omission of words such as “supply”, “install”, “fix”, “construct”, “provide”, or any similar expressions in the BOQ shall not relieve the Contractor from executing the work in full compliance with the Contract.
12. All works shall be executed in accordance with the BOQ descriptions, Technical Specifications, relevant MORTH/KPWD/CPWD/IS standards, approved Drawings, good engineering practice and the instructions issued by the Engineer-in-Charge.

<b>Abstract of Bill of Quantity</b>			
<b>Name of the Work:</b> “Civil and Structural works including Architectural finishes for Travellator and Connecting Walkway between Reach-5/Phase-2 / Yellow Line Central Silk Board Station to Blue line ORR Central Silk Board Station of Bangalore Metro Rail Project, Phase-2A”.			
<b>S.No</b>	<b>Schedule</b>	<b>Description</b>	<b>Estimated Cost (₹)</b>
	<b>Civil/Structural Works</b>		
1	Schedule - A	Cast in Situ / Pre cast work	91,78,657.00
2	Schedule - B	Steel Works: Steel Reinforcement, Structural Steel	48,78,95,447.00
3	Schedule - C	Other Civil Works	2,96,65,567.00
	<b>Architectural/Finishing Works</b>		
4	Schedule - D	Metal Works	3,71,46,785.00
5	Schedule - E	Flooring Works	88,41,009.00
6	Schedule - F	Items under schedule of rate published by KPWD	1,71,82,231.00
<b>Grand Total</b>			<b>58,99,09,696.00</b>

**PRICE BID- BILL OF QUANTITIES (BOQ)**

Item No.	Description of Items	Unit	Quantity	Rate (₹)	Amount (₹)
	<b>Civil/Structural Works</b>				
	<b>Schedule - A - Cast in Situ / Pre cast work</b>				
A1	Providing and laying grade M50 / 20 reinforced cement concrete at all levels for shear key, diaphragms, pedestals, etc. including centering, shuttering, propping, staging, scaffolding, curing, necessary tools, plants, machinery and all related operations etc. using steel shuttering & steel props. Form work to be designed in such a way that traffic on road is allowed during the work at all times. Rate shall include cost of providing grooves, chamfers, mouldings, cut-outs, necessary fixtures, insert plates, sleeves for various purposes, shear connectors etc. complete as per drawings, specifications and as directed by the Engineer. The rate shall also include preparation of construction joints as per specification and providing approved wire mesh/weld mesh at such locations as approved by Engineer or as shown in drawings. Reinforcement steel shall be paid separately under relevant BOQ item. Rate shall also include cost of using required dosage of admixture in concrete for obtaining required workability as per specification & approval of Engineer.	Cum	67.00	14,203.00	9,51,601.00
A2	Providing and laying M35/20 grade reinforced cement concrete, using sacrificial shuttering for all heights, concourse level slab, walkway slab, in between portals, Steel portals, composite girders etc. along with method statement, design shall be approved by the Engineer, supplying, fixing , positioning pre embedded studs in concrete, structural decking panel (Sacrificial shuttering of approved make) with yield strength of 500 Mpa galvanized steel ( min 275gms/sqm zinc coated) as per IS 277 or equivalent standard and all related operations. The structural decking panel shall have nominal effective cover width, nominal 51 mm deep ribs with at nominal 316 mm center to center with the embossment (shear Groove) on top and side of ribs for better composite action. Including the shear stud, universal beam, edge form, steel bracket, screws and fasteners, sealant, insulation, closures, edge angle, hoop iron and labour and machinery cost for erection and placing in position etc. complete as per the drawing and specification and as directed by the Engineer .Rate shall include cost of providing grooves, chamfers, mouldings, cut-outs, necessary fixtures, insert plates, sleeves for various purposes, shear connectors etc. complete as per drawings, specifications and as directed by the Engineer. The rate shall also include preparation of construction joints as per specification and providing approved wire mesh/weld mesh at such location as approved by Engineer or as shown in drawings.	Cum	404.00	20,364.00	82,27,056.00

Item No.	Description of Items	Unit	Quantity	Rate (₹)	Amount (₹)
	Reinforcement shall be paid separately under relevant BOQ item. Rate shall also include cost of using required dosage of admixture in concrete for obtaining required workability as per specification & approval of Engineer.				
	<b>Total of Schedule-A</b>				<b>91,78,657.00</b>
	<b>Schedule-B - Steel Works: Steel Reinforcement, Structural Steel.</b>				
B1	Providing TMT-500 D grade steel bar reinforcement( conforming to IS: 1786 ,I-IYSD Fe 500 grade) at all heights & depth including straightening bars, cutting, bending, hooking binding with approved quality 18gauge G.I binding wire, after placing in position tying, lapping and /or welding wherever required and anchoring to the adjoining members wherever necessary as per drawings (Laps , Hooks, and Wastages shall not be measured and paid) including cost of all materials, bar bending charges, labour, lead & lifts etc., Complete as per specifications and as directed including welding involved towards stray current protection effects as per the system approved by Engineer. Note:(i) 18 gauge GI binding wire (2 ply) in diamond form at each reinforcement junction. (ii) Splices (Laps, couplers, welds etc.) not payable. (iii) Only mechanical coupler to be used for bars dia 20mm and above, couplers are to be used without extra cost.(iv) The cost quoted should cover all types of splices including stiffeners hooks, spacer bar, U-bar, chair, bend deduction as required and nothing extra is payable on this account.	MT	87.50	86,454.00	75,64,725.00
B2	Structural steel work for Roofing: Providing, fabricating to required profile and shape, transporting, erecting and fixing in position at all levels of steel work conforming to 'IS 2062' including procurement & testing of all raw steel materials, HSFG bolts, all types of nuts and bolts as required (Confirming to IS 3757:1985 (Reaffirmed:2008)&IS 4000:1992 (Code of practice for high strength bolts in steel structures) & washer, fasteners, fabrication, joining, welding (confirming to IS: 816:1969 and IS 9595:1996), threading, sleeves etc., including allowance for all types of wastage, straightening, cutting, bending of section wherever specified, drilling holes, bolting provision of necessary tools, testing etc. complete. The rate shall also include required surface preparation (Sand/abrasive Blasting as per ISO:8501-I:1988) including application of Zinc Epilux or equivalent primers, and two coats of Poly siloxane paint as per specifications. The rate shall also include supplying and providing of detailed fabrication drawings based on the GFC drawings, required for all permanent and temporary structures and their approval from Engineer, prior to execution. The rate shall also include provision and installation of base plate, anchor bolts ( for payment measured in tones) etc. all as per relevant drawings, specifications and directions of engineer using standard plate sections, rolled sections, like angles, channels, I sections, T sections, C sections, H sections and Light gauge steel sections confirming to	MT	508.75	1,24,405.00	6,32,91,168.00



Item No.	Description of Items	Unit	Quantity	Rate (₹)	Amount (₹)
	IS:811-1987 (Specification for cold formed light gauge structural steel sections),hollow square/rectangle sections (Confirming to IS:4923-1997 (reaffirmed 2009) Hollow steel sections for structural use-specification), hollow round sections confirming to IS 1161:2014 (Steel tubes for structural purposes -Specification) etc., welded and built.				
B3	Supply, fabrication ,transportation and erection of fabricated steel girder work of Grade E450BR confirming to IS 2062-2011 (with all latest amendments) including, painting, fully killed and fully normalized at appropriate location using various structural steel sections including M S plates, etc. as per approved drawing for composite girders including cutting , bending, drilling holes with necessary field rivets welding HSFG bolts tightened by Torque wrench as per drawings supply of necessary templates etc. complete for fixing accessories such as bolts and nuts, etc. Complete duly providing necessary scaffoldings arrangements, temporary staging and metalizing the girders in accordance with the Indian Railway Bridge manual and any other incidental work as required with all leads and lifts, etc. compete and as directed. NOTE: (i) In case of superstructure over flyover all steel girders with bracings together shall be launched as per approved launching scheme. (ii) All labour, materials, tools and plants consumables such as welding rods, etc., by contractor, (iii) Metalizing treatment of all steel surfaces shall be done by spraying aluminium having 99.5% purity with a coating of 150microns by minimum 2 phases.(iv) Painting of metalized steel sections shall be done as below, a. First coat-Primer to IS-5666 b. Second coat-Zinc chromium paint to IS: 104 c. Third & fourth coat -Aluminium paint to IS:2339(v) The rates are inclusive of testing of all raw materials, shear connections, HSFG bolts, nuts and welding, etc. including allowances for all types of wastages.(vi) The rate is inclusive of surface preparation, sand blasting, etc. (vii) The rate shall also included supplying and providing of detailed fabrication drawing prior to execution.(viii) The rate shall also include provision and installation of base plates, anchor bolts ( For payment measured in Tonnes, etc.,) as per relevant drawings, specifications and direction of the engineer, (ix) Using standard plate sections, H sections, hollow round/square/rectangle sections etc., welded and built, (x) The launching scheme has to be submitted by the contractor using sufficient capacity cranes and get it approved by BMRCL. When girder is to be erected over the existing flyover then each girder is to be launched with proper care and with proper frame to avoid toppling during launching. The girder so placed will be temporarily braced with bolts and nuts before freeing from the frame. as per approved erection scheme.	MT	2246.16	1,84,911.00	41,53,39,877.00
B4	Providing, fabricating and erecting structural steel for structural members to require shape, base plates, strips and flats for structural and general engineering purposes with welded hold fasts for walk-way, earth terminal plates, insert plates with welded hold-fast, internal threaded sleeves including MS bolts Confirming to IS 3757:1985 (Reaffirmed:2008)&IS 4000:1992	MT	15.07	1,12,778.00	16,99,677.00

Item No.	Description of Items	Unit	Quantity	Rate (₹)	Amount (₹)
	(reaffirmed:2013) (Code of practice for high strength bolts in steel structures) tightened by Torque wrench and primer coat and aluminium paint as per specification and drawing, with all lead and lifts and as per the directions of engineer. The rate shall also include required surface preparation (sand blasting). Painting of steel sections shall be done as below. a. First coat- Primer to IS: 5666 b. Second coat- Zinc chromium paint to IS: 104 c. Third & fourth coat- Aluminium paint to IS: 2339.				
	<b>Total of Schedule-B</b>				<b>48,78,95,447.00</b>
	<b>Schedule-C - Other Civil Works</b>				
C1	Design, manufacture, supply & installation of the approved expansion joint (Strip Seal) at the site at track level under the supervision of manufacturer's representative as per specification and expected movement ( 25 to 50 mm) as mentioned in relevant GFC drawings.	Rm	125.00	18,111.00	22,63,875.00
C2	Supplying to site and placing of POT Cum PTFE Bearing and its components in position during casting of pier / pedestal and superstructure, including, grouting of holes for anchor bolts and underside of base plate with approved non-shrink cementitious grout as per specification and drawings. Note: Quoted price shall hold good for forces and movements varying by + / - 25% for those minimum loads / forces indicated.				
C 2.1	Free POT Bearing: V = 426 MT (normal) 460 MT (seismic). Longitudinal Translation +50mm / - 25mm, Trans Translation +10mm / -10mm	Nos	32.00	1,50,146.00	48,04,672.00
C 2.2	Fixed POT Bearing: V =425 MT, Hr = 45 MT (Normal) V = 460 MT, Hr=120MT (seismic)	Nos	20.00	1,50,146.00	30,02,920.00
C 2.3	Longitudinal Guide POT Bearing: V = 425 MT, Hr - 45 MT (Normal). V = 460 MT, Hr=120MT (seismic). Longitudinal Translation +50mm / -25mm	Nos	20.00	1,50,146.00	30,02,920.00
C 2.4	Transverse Guide POT Bearing: V - 426 MT, Hr = 45 MT (normal). V = 460 MT, Hr = 120 MT (seismic). Trans Translation +10mm / -10mm	Nos	32.00	1,50,146.00	48,04,672.00
C3	Providing and fixing standing seam (Crimp curved) profiled sheeting 10001020 mm cover width, 28-30 mm crests @200-250 mm c/c manufactured out of 0.50 mm TCT (Total coated thickness) Hi- tensile galvalume steel. The sheets shall have wide pans with 2-3 nos. stiffening ribs for effective water shedding and special male/female ends with full return legs on side laps for purlins support and anti-capillary flute in side lap. The sheets shall have clamp rail roof fastening with the provision for fixing solar panels, clamp rail is fastened to standing seam metal roofs via clamp without roof penetration (No damages shall be done to the roof or puncturing of roof sheets shall not be allowed). The sheets shall have a hot-dip metallic coating of ZINC and	Sqm	2481.00	1,678.00	41,63,118.00

Item No.	Description of Items	Unit	Quantity	Rate (₹)	Amount (₹)
	Aluminum (150 gms/sqm. zinc/alum. Coating mass total on both sides. AZ-150 as per AS 1397), 330Mpa to 550 Mpa yield stress, providing PVDF coating of approved colour of total thickness of 35 microns comprising of 20 microns exterior coat of PVDF over 5 microns PU back coat over 5 micron primer coats on both surfaces including side and end laps and using 8mm galvalume hex self-drilling. Item to include curved sheets and crimping also. Rate shall include providing fasteners on each crest of sheets for connection with purlins and seam all types of nuts and bolts as required etc. measured per unit of laid areas.				
C4	Providing and fixing polycarbonate sheet manufactured out of 2 mm thick(lexan) from GE plastics material or equivalent of same profile of galvalume sheeting fixed over steel structure with self-drilling fasteners.	Sqm	438.00	5,616.00	24,59,808.00
C5	Providing and fixing in position GI Gutter of 2mm thick sheet of approved quality including fabrication and erection with self-tapping screws EPDM washers with necessary laps and stiffeners, application of sealant, making provision for drainage spout with all leads and lifts etc. Complete as per drawing and specifications.	Sqm	608.00	3,354.00	20,39,232.00
C6	Conducting Load Testing on Composite steel girder of any span length as per IRC SP51. Arrangement for application of actual design serviceable vertical load as directed by Engineer and arrangement for measurement of deflection at various salient points of the girder and submitting a report. The details of placement, position, increment of load on the simply supported span and installation of measurement devices etc., shall be as directed by the Engineer. Note: Rate shall include submission of method statement and third party certification of the test.	MT	450.00	6,943.00	31,24,350.00
	<b>Total of Schedule-C</b>				<b>2,96,65,567.00</b>
	<b>Architectural/Finishing Works</b>				
	<b>Schedule - D - Metal Works</b>				
D1	Providing and fixing aluminium work for louvers, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps by filling weather silicon sealant over backer rods of approved quality, etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer. Using Aluminium section Polyester powder coated minimum of 60-70	Kg	10326.00	453.00	46,77,678.00

Item No.	Description of Items	Unit	Quantity	Rate (₹)	Amount (₹)
	microns with exterior durable pure polyester grade powder of approved quality. Note: Glazing, panelling to be paid for separately				
D2	Providing and fabricating structural glazing semi unitized system of approved make as per design, drawings and specifications using aluminium extrusions 63.5mm x 58.00mm x 2.25mm of 1.73 Kgs/m for vertical and horizontal members and 63.5mm x 38.1mm x 1.33mm of 0.759 Kgs/m as outer Frame, powder coating to specified thickness in approved shade of approved make. Using 13.52 mm (6mm +1.52pvb + 6mm) thick PVB laminated soft coated performance glass (heat strengthened on the outer reflective surface) of approved colour and shade with all necessary accessories like ultra-glass silicon sealant of space tape, masking tape, galvanized anchor bolts, machine screws. Rate includes M.S. galvanized L brackets, structural sealant setting clocks, fasteners, wall connection etc., complete. The structural glazing is to be fabricated as per drawings with partly fixed, partly openable and partly with aluminium louvers all as per the detailed drawings. The openable window shutters portion shall be fabricated with aluminium sections and powder coated to suit the other sections. The openable portion shall be provided with necessary heavy duty stainless steel stag and locking arrangements with necessary hinges. The aluminium louvers are to be provided wherever shown as per the drawings. All the works should be completed as a whole item of work for all heights including all lead, lift, scaffolding etc., complete. However, nothing extra shall be payable to the contractors for using larger/heavier section than those given if found inadequate as per specifications and drawings. Note: Steel structural work required for structural glazing work which is in the scope of Contractor and Payment will be made at relevant BOQ item. Note: 1) In place of PVB laminated glass spandrel panel glass shall be used without any additional cost in beam area, as directed by Engineer. 2) PVB laminated 13.52 mm (6mm +1.52pvb + 6mm) exterior shall be toughened glass.	Sqm	2201.00	7,794.00	1,71,54,594.00
D3	Supplying, fabricating and fixing Aluminium composite panels (ACP) for wall cladding for curved and straight, RCC walls/ block work wall/AAC block work wall/ columns/ beams of approved make and colour comprising thickness of 4mm (0.5mm thick aluminium sheet on top & bottom sandwiched with 3mm thick thermo plastic core of anti-toxic LDPE confirming to BS 1467. The complete system shall be designed to withstand the design wind pressure as per IS code or relevant international code (Test pressure shall be 1.5 times of the design wind pressure). The ACP shall be fixed over powder coated aluminium box section backing frame work in turn fix over RCC, steel structure, masonry wall etc using GI brackets, Aluminium L or U clip and stainless steel bolt and nuts complete with spring washer and cap nuts and all other accessories.	Sqm	351.00	4,449.00	15,61,599.00

Item No.	Description of Items	Unit	Quantity	Rate (₹)	Amount (₹)
	Sealing shall be done using weather sealant with necessary backer rods etc. Rate includes cost of all materials, scaffolding, labour, hire charges of machineries, with all leads & lift at all levels complete as per specifications & drawings.				
D4	Providing and fixing stainless steel (Grade 304) railing cut of matt/ glossy finish made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts or etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer or fixing rail with core cutting method including grouting . Rate includes cost of all materials, labour, hire charges of machineries, with all leads & lift at all levels complete including cost of fabrication and welding / soldering as per specifications & drawings. (Cost also includes the making required holes in treads/ floor and grouting with the suitable grouting material for fixing of railings).	Kg	18262.00	671.00	1,22,53,802.00
D5	Providing and Fixing Glazing in Frames with EPDM rubber/neoprene gasket etc., complete as per the architectural drawings and the directions of Engineer. (Cost of frames shall be paid in basic item)- With toughened glass of 5mm thick	Sqm	886.00	1,692.00	14,99,112.00
	<b>Total of Schedule-D</b>				<b>3,71,46,785.00</b>
	<b>Schedule E - Flooring Works</b>				
E1	Providing and laying flooring, screed concrete with M-20 grade with cement concrete, cement content as per approved design mix using 20mm downsize aggregate. Cleaning of floor, providing slurry, placing of concrete, compaction with surface vibrators, floating and troweling, laying the surface to slope, all incidental work etc. complete. Rate includes cost of all materials (including wastages) labour, curing, hire charges of machineries, with all leads & lift at all levels complete as per specifications & drawings.	Cum	273.00	7,417.00	20,24,841.00
E2	Providing and laying pre polished/ honed finish grey / sadarahalli grey / Hasan green color of uniform texture granite of 18mm thick of length not less than 1200mm and width not less than 800mm in flooring of required design and patterns and as per approved shop drawings, specifications, including diagonals, inlays, borders, margins in one or more types of stone and direction by the Engineer laid over a bed of up to 25mm thick 1:4 cement mortar (1cement : 4 Coarse sand) with paper joint, finished with white cement mixed with matching pigment including all finishing as required, including cut-out / repair in floors, laying, POP on finished surface	Sqm	2,986.00	2,088.00	62,34,768.00

Item No.	Description of Items	Unit	Quantity	Rate (₹)	Amount (₹)
	(minimum thickness 10mm) and cleaning the surface by removing POP as per directions for floors etc. Rate includes cost of all materials (including wastages), dry matching, curing, labour, hire charges of machineries, with all leads & lift at all levels complete as per specifications.				
E3	Supply, delivery and installation of vitrified tactile tiles (directional & hazardous) of approved make as per control sample in 300 x 300 x 12 mm thick, size with pigmented grout to match the colour and shade of tactile tile. Tiles shall be laid over 20mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand) and installation to be carefully coordinated with adjacent flooring modules i.e. tiles shall be in same level with the nearby floor with uniform joints. All tactile guide path shall be in strict accordance to relevant drawings for barrier free movement by visually impaired persons. Rate includes cost of all materials (including wastages), curing, labour, hire charges of machineries, with all leads & lift at all levels complete as per specifications.	Sqm	200.00	1,925.00	3,85,000.00
E4	Supply & fixing UPVC Rain water pipes confirming to IS: 13592 type A,. The rate is including all fittings, bends supports, etc., and fixing with solvent cement joints, -200mm dia.	M	200.00	982.00	1,96,400.00
	<b>Total of Schedule-E</b>				<b>88,41,009.00</b>
	<b>SCHEDULE - F – ITEMS UNDER SCHEDULE OF RATE PUBLISHED BY KPWD</b>				
F	Items not covered in the above schedules (i.e Schedule-A to E) to be executed under Common SR for the year 2023-24 published by Karnataka public Works Department with issue rates and amendments issued upto date of tender submission.	LS			1,71,82,231.00
	<b>Total of Schedule-F</b>				<b>1,71,82,231.00</b>
	<b>Grand Total (A+B+C+D+E+F)</b>				<b>58,99,09,696.00</b>

**SCHEDULE OF STAGE PAYMENTS**

BMRCL shall make stage payments to the contractor based on the completion of each activity separately and as approved and accepted by the Employer's Representative. The stage payments will be made on completion of the corresponding activities, after statutory deductions for scope of work as under:

SI No	Description	Stage Payment in %age	Cumulative Payment in %age
<b>Schedule-B (item No. B2, B3 &amp; B4)</b>			
1	On procurement of Structural Steel/ Composite Steel materials	90% of invoice Rate or 60% of the accepted rate whichever is less.	90% (or) 60%
2	On fabrication of Steel Members	20 % of the accepted rate.	80%
3	On erection and completion of work as per relevant drawings, specifications and direction of the engineer.	Balance value of the item.	100%
<b>Schedule-C (item No. C.2.1, C.2.2, C.2.3 &amp; C.2.4)</b>			
1	On installation	50 % of the accepted rate.	50%
2	After Final Inspection	50 % of the accepted rate.	100%
<b>Schedule-D (item No. D3 &amp; D4)</b>			
1	upon receipt of materials at site / yard	70% of the accepted rate (not the value) of the item of BOQ or 90% of the material invoice value whichever is less.	70% (or) 90%
2	upon work completion of the item.	Balance value of the item.	100%
<b>Schedule-E (item No. E2)</b>			
1	upon receipt of materials at site / yard	70% of the accepted rate (not the value) of the item of BOQ or 90% of the material invoice value whichever is less.	70% (or) 90%
2	upon work completion of the item.	Balance value of the item.	100%

**Notes:**

Payment for works under Schedules-A to F shall be as per para no. 3 of Pricing Document-Preamble.