

Clarification to Bidder's Queries

ARCHITECTURAL / FINISHING WORKS FOR PANAGAL PARK UNDER GROUND STATION

in Connection with

"Construction of Under Ground stations at Boat club, Nandanam, Panagal park, Kodambakkam, Kodambakkam flyover including Underground Cross over at Panagal Park Station and Associated Twin Tunnel, Cut & Cover Box, U Section and Ramp Project start from chainage 5+150m to end chainage 10+027m (Down line)" – CHENNAI METRO RAIL PROJECT PHASE 2, CORRIDOR 4

TENDER No. - 02-AT-052122-C4-UG02-SC_ARC-PPK

Date of issuance : 30-Jul-26			Addendum - 1		
Sl. No.	Part No.	Clause No.	Bid Condition	Bidder's Queries	Main Contractor's Response
1	Part - 1 Sec-IV Pricing Document	Schedule-B Item No.1 B.1, 1.B.3, 1.B.4 & 5 (Page -13 to 17)	Granite Flooring / Skirting / Cladding Items	The basic rate of granite is provided in the Price Bid; however, the type, colour and finish of granite are not specified in the BOQ item descriptions. Kindly confirm the approved granite specification to be considered for pricing.	Please refer Architectural GAD and approved material schedule. Flooring - Drawing No. P20C40UG02PPK-MMSO-ARCFSHDWG-20101-1(3) to P20C40UG02PPK-MMSO-ARCFSHDWG-21305-1(3)) Skirting/Cladding - Drawing No. P20C40UG02KOD-MMSO-ARCFSHDWG-41401(2))
2	Part - 1 Sec-IV Pricing Document	Schedule-B Item No.1 & 13 (Page - 13 & 17)	52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size),.... and 35 mm thick cement concrete flooring with concrete hardener topping in treads, Riser and landings,	The specification states that hardening compound shall be mixed at 2 litres per 50 kg bag of cement. However, commercially available floor hardeners are generally supplied in powder form (kg), whereas liquid products are typically admixtures rather than floor hardeners. Kindly clarify the approved manufacturer/product name or confirm whether the specification refers to a liquid admixture instead of a dry-shake floor hardener.	To be provided as per manufacturer's recommendation and approved technical datasheet.
3	Part - 1 Sec-IV Pricing Document	Schedule-B Item No. 15 (Page - 17)	Providing and fixing dry cladding height as per approved drawings, with 20 mm thick Gang saw cut polished granite stone of approved colour in required size, design and patterns, with the help of steel clamps/cramps, pins	Kindly confirm whether the granite dry cladding shall be fixed using SS-304/SS-316 clamps and cramps or MS clamps, as the specification mentions steel clamps but does not specify whether SS-304, SS-316 or MS clamps are to be considered	SS304 clamps shall be considered.
4	Part - 1 Sec-IV Pricing Document	Schedule-B Item No. 17 (Page - 18)	Supplying and laying 20mm thick manufactured quartz stone of approved yellow colour as warning strip of 100mm width at platform level, laid over 20mm thick cement mortar bed in CM 1:4 (1 cement : 4 coarse sand), complete as per approved drawings, specifications, and directions of the Engineer-in-Charge.	Kindly confirm the basic rate of the manufactured quartz stone to be considered for the warning strip item.	Proposal of the bidder - rate to be submitted.
5	Part - 1 Sec-IV Pricing Document	Schedule-B Item No. 19 (Page - 18)	Providing and fixing gang saw cut polished granite of 20mm thickness of approved colour, size, design and pattern, complete as per architectural drawings for counter slabs, Benches , etc. laid over 16mm thick external grade plywood with all necessary framework, fasteners, etc.,	Please clarify whether the steel support framework for granite counter slabs/benches shall be fixed from the finished floor level (FFL) or supported over the masonry/RCC wall surface, as the support arrangement is not clearly indicated in the BOQ/specifications.	Proposal of the bidder - rate to be submitted.
6	Part - 1 Sec-IV Pricing Document	Schedule-C Item No. 3 (Page - 19)	Providing and fixing stainless steel glass railing system of 1200mm height from finished floor level (FFL). The railing shall comprise (6 +1.52PVB + 6)mm thick clear laminated toughened glass panels, railing made of Grade 316 hollow tubes, channels, and plates.	This item is including SS work or SS works measured separately Please clarify	Rate is inclusive of SS and Glass System
7	Part - 1 Sec-IV Pricing Document	Schedule-C Item No. 1.C.3,6 (Page - 20)	Providing and fixing warning and directional tactile indicators /plates of size 300 mm x 300 mm, manufactured from SS-316 grade stainless steel with matte finish.	The specification indicates a 1.5 mm thick SS tactile plate fixed using approximately 3 mm adhesive, resulting in an overall thickness of about 4.5 mm. Kindly clarify whether the tactile tiles are to be fixed directly over the finished granite flooring or whether a backing mortar/recess in the flooring is required to achieve the finished floor level (FFL).	The SS tactile plates shall be directly fixed on the finished granite surface by SS screw fixing. No backing mortar or recess is required.



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Sl. No.	Part No.	Clause No.	Bid Condition	Bidder's Queries	Main Contractor's Response
8	Part - 1 Sec-IV Pricing Document	Schedule-E Item No.3 (Page - 28)	Providing and fixing smoke downstand system	As per the BOQ specification, laminated glass of 6 mm + 0.38 mm (PVB) + 6 mm is specified, which does not appear to meet the required smoke downstand/fire rating. Suggestion : Smoke barrier system D120 - 6 mm thick clear toughened glass for 60 mins fire rating Impact resistance Class 1(C)1 as per EN 12600	Tender conditions prevail
9	Part - 1 Sec-IV Pricing Document	Schedule-E Item No.1.E, 4 (Page - 29)	Providing and fixing 12 mm thick calcium silicate board cladding for wall panelling and column cladding.....	The item specifies calcium silicate board above the glass, but the finishing to the calcium silicate board is not mentioned.	The finishing on calcium silicate board is Paint (Paint on Calcium Silicate board Not in this tender scope)
10	Part - 1 Sec-IV Pricing Document	Schedule-E Item No.1.E, 5 (Page - 29)	Supplying and fixing fire rated (120mins) 4mm thick, aluminium composite panel (ACP) fixed with extruded.....	For the 4 mm thick fire-rated (120 minutes) openable ACP panels, the details specifications/drawings are required.	The detailed arrangement for the 4 mm thick fire-rated (120 minutes) openable ACP panels is available in the typical drawing no. P20C40UG01TYP-MMSO-ARCGENDWG-00018(1).
11	Part - 1 Sec-IV Pricing Document	Schedule-E Item No.1.E, 1 (Page - 31)	Supplying, fabricating, and installing frameless single shutter fully glazed door system using laminated toughened glass comprising 6 mm thick toughened glass + 1.52 mm PVB interlayer + 6 mm thick toughened glass, of approved make and quality.....	Required the size of Non fire rated glass door, the unit mentioned in numbers	Please refer Part - 2 Sec-VIII - Employer's Drawings (Page - 324 & 325) Drg No P20C40UG02 PPK- MMSO-ARCFHSDWG - 34005 /34006 As per Door Schedule D-10 Size 900x2100mm
12	Part - 1 Sec-IV Pricing Document	Schedule-F Item No. 1,F (Page - 32)	Signages	Kindly confirm whether the signage package is on a Design & Build basis or Build as per Employer's approved drawings	The Signage Package shall be executed on a Design & Build basis.
13	Part - 1 Sec-IV Pricing Document	Schedule-H Item No. 1.H,1,1 (Page - 74)	CURTAIN WALL GLAZING Supply, fabrication, installation, testing, and commissioning of frameless structural glazing (spider/point-fixed system).....	a. Kindly clarify whether the glazing system shall be spider glazing or curtain wall glazing. Minimum laminated glass thickness is 13.52 mm, but Item specification mentioned as 12.76mm.	The glazing system shall be spider glazing. The laminated glass thickness shall be as specified in the tender documents and the tender conditions shall prevail.
14	Part - 1 Sec-IV Pricing Document	Schedule-H Item No. 1.H,1,1 (Page - 74)	 The system shall be supported on SS 316 grade stainless steel spider fittings fixed to engineered structural steel/glass fin support system designed to resist all loads including wind, dead, and thermal movements.	b. The specification states that the SS spider fittings shall be fixed to an engineered structural steel/glass fin support system. Kindly confirm whether the engineering structural steel support/glass fin system forms part of this BOQ item or will be measured and paid under a separate item.	The item shall include the complete engineered structural steel support system, including SS spider fittings, glass fins (where applicable), connection hardware, fabrication, installation, and all associated accessories required for a complete glazing system.
15	Part - 1 Sec-IV Pricing Document	Schedule-H Item No. 3 (Page - 76)	Providing, fabricating, supplying and fixing skylight glazing system comprising double laminated tempered/toughened safety glass of approved make and specification,.....	The skylight glazing specification permits laminated tempered/toughened glass comprising two layers of 6-8 mm thick glass with PVB/SGP interlayer. Kindly confirm the final glass build-up (6 mm or 8 mm), the interlayer type (PVB or SGP). Specifications are not clear.	The final glass build-up, including glass thickness and interlayer type (PVB/SGP), shall be designed and proposed by the specialist vendor based on structural design requirements, safety considerations, and applicable standards.
16	Part - 1 Sec-IV Pricing Document	Schedule-H Item No. 6 (Page - 78)	Providing and applying high-performance waterproof joint sealant for glass canopy works using neutral cure, UV resistant, non-staining silicone sealant,.....	Please provide details of the approved weatherproof or waterproof joint sealant, including the recommended product or specification.	The waterproof joint sealant shall be as specified in the relevant tender drawings and specifications.
17	Part - 1 Sec-IV Pricing Document	Schedule-H Item No. 8 (Page - 79)	Supplying and fixing of Stainless Steel (SS) foldable/sliding gate with integrated glazing panels, fabricated from AISI 304 grade stainless steel hollow sections of approved make,.....	Required The Drawing of SS Foldable /Sliding Gate Drawings	The Contractor shall submit the detailed vendor drawings for the SS Foldable/Sliding Gate for review and approval prior to fabrication and installation.
18	-	General	Cross Section Drawings	Above Ground Entry Structure (AGES) cross-section drawings are not available in the tender documents. Kindly provide.	The Above Ground Entry Structure (AGES) cross-section drawings shall be provided to the successful bidder during the execution stage.
19	-	General	Extension of Bid submission	Extension of the bid submission date required by atleast 7 days	Tender conditions prevail
20	-	General	BOQ soft copy	Requested to share the soft copy of the BoQ for ease of estimation	The BoQ soft copy will be shared in the portal

