

**REPLIES TO PRE-BID QUERIES
(AMCC-01)**

Queries of Bidder-1				
S. No.	Ref. Tender Document	Section / Clause / Page No. of Tender Document	Query / Clarifications by prospective bidder	Reply by DMRC
1	Volume 3 Employer's requirement - Functional	Cl.2.1.3 Scope of works	We understand that any kind of architecture finishes are not part of design scope for this contract. This will be provided by client/DMRC. Please confirm.	Architectural finishing works are outside the scope of this contract.
2	Volume 3 Employer's requirement - Functional	Cl.2.1.3 Scope of works	We understand that any kind of MEP works are not part of design scope for this contract. This will be provided by client/DMRC. Please confirm.	MEP works are outside the scope of this contract except to the extent mentioned in the referred Clause.
3	Volume 3 Employer's requirement - Functional	Cl.2.1.3 Scope of works	We understand that any kind of architecture finishes are not part of construction scope for this contract. Please confirm.	Architectural finishing works are outside the scope of this contract.
4	Volume 3 Employer's requirement - Functional	Cl.2.1.3 Scope of works	We understand that any kind of MEP works are not part of construction scope for this contract. Please confirm.	MEP works are outside the scope of this contract except to the extent mentioned in the referred Clause.
5	Volume 3 Employer's requirement - Functional	Cl.2.1.5 Utilities Scope of works	Please provide the utility drawings in ACAD format along the alignment to decide pier location and any diversion/supporting.	Please refer Clause 2.1.7 (a) of Employer's Requirement (Functional).
6	Volume 3 Employer's requirement - Functional	Cl.2 (iii) appointment of proof checker for special spans	We propose the same DDC's different team to carry out proof checking and provide checking certificate. Please confirm if this is okay.	Clause 2.1.2 (iii) of Employer's Requirements is self explanatory. However, provisions of Clause 1.1.3.1 (iii) of NIT shall also be taken in to consideration.
7	Volume 3 Employer's requirement - Functional	Cl.2 Scope of works	We understand that station sizing and complete architectural Good for Construction (GFC) will be provided by client/DMRC. The contractor will only carry out the structural design. Please confirm.	Clause is self explanatory.
8	Volume 3 Employer's requirement - Functional	Cl.2.1.2A Ramp Scope of works	Please provide the length of ramp, chainage, extent of scope and cross section.	Design & construction is in the scope of contractor. However, GADs have been provided in Auto Cad format to facilitate.
9	Volume 5 tender drawings	.....	Please provide AUTOCAD format drawings for alignment GAD. Tender drawings are not legible.	Auto Cad drawings have been provided.
10	Volume 5 tender drawings	Please provide AUTOCAD format drawings for viaduct structure. Tender drawings are not legible.	These drawings cannot be provided in Auto Cad format.

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11	Volume 5 tender drawings	Please provide AUTOCAD format drawings for stations. Tender drawings are not legible.	Architectural drawings in Auto Cad format has been provided.
12	Volume 5 tender drawings	Ramaverapadyu Station Drawing AMCC-TEN-RVR-002	Ground and first floor plan drawings show three rows of column, one centre and two at sides. But the cross section shows only centre column. Please confirm if there are side columns	Details shown in cross-section shall be followed.
13	Volume 5 tender drawings	Alignment drawings	Please mark obligatory span locations and probable span length required.	Please refer GADs provided in Auto Cad format.
14	Volume 5 tender drawings	Station drawings for Gunadala, Prasadampadu, Ramakrishna weigh bridge, Enikepadu	Drawings show only centre column and huge cantilever supporting the concourse and platforms. Please confirm if side columns are permitted and space is available.	Please follow tender drawings.
15	Volume 5 tender drawings		Please provide us the General Notes Drawing for firming up our understanding of client's requirements such as concrete grades, reinforcement, clear cover requirements, tolerances permitted, type of expansion joints and other such vital parameters.	Please refer tender drawings nos. DMRC/Design/AMCC/SV-101 & DMRC/Design/AMCC/SV-102, Technical Specifications and DBR.
16	Volume 4 DBR	Clause 4 page 25/38 - Structural System	It says: The concourse is 70m long whereas the tender drawing shows the concourse is full length 140m. Please clarify.	The Clause is self explanatory
17	Volume 4 DBR	Pre engineered roof - Clause A.4 Page 35/38. Earthquake load	Pre engineered roof design criteria states Zone-II please confirm.	Please refer Clause 2.5.2 of DBR (Stations). The project site falls in Seismic Zone-III.
18	Volume 4 DBR	Viaduct - Clause 5.9 Seismic design Seismic design	There is no mention of seismic zone. Please confirm the seismic zone.	Please refer Clause 2.5.2 of DBR (Stations). The project site falls in Seismic Zone-III.
19	Volume 4 Technical specifications	Page 43 - concrete mix design clause 3.6	Please confirm if GGBS can be used in pile, pile cap, pier and pier cap.	Please follow tender conditions.
20	Volume 4 Technical specifications	Page 43 - concrete mix design clause 3.6	Please confirm if fly ash can be used in pile, pile cap, pier and pier cap.	Please follow tender conditions.
21	Volume 3 Employer's requirement	Clause 10 (page 4): Software Support-	Do you want us to provide you commercially available proprietary softwares and / or in-house developed softwares? Please clarify.	Clause is self explanatory.

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22	Volume 3 Employer's requirement - Functional	Clause 2.1.2 (iv) page 13	Is the Consultant required to check the designs supplied by DMRC for temporary loads and get them approved from DMRC? Please clarify.	The Clause is self explanatory.
23	Volume 3 Employer's requirement - Functional	Clause 2.1.3 (i) page 16	Does min dia of pile of 1000mm also apply to station including its entry/ exit structures? Please clarify.	The Clause is self explanatory.
24	Volume 4 DBR	Page 15/38	Rail station interaction: we will take 0.8t (track/m (i.e. 1.6 t/m for twin track). Please confirm.	Shall be taken as per DBR and relevant codes.
25	Volume 4 DBR	.....	Please confirm that there is no lower bound on seismic coefficient.	Please follow tender conditions.
26	Volume 4 DBR	.....	Please specify minimum values of seismic acceleration to be used for pier as well as foundations for designs with ductility provisions.	Shall be taken as per DBR and relevant codes.
27	Volume 4 DBR	.....	Please specify minimum values of seismic acceleration to be used for pier as well as foundations for designs without ductility provisions.	Shall be taken as per DBR and relevant codes.
28	Volume 4 DBR	.....	Please provide us the % value of live load to be considered with LWR loads.	This shall be as per DBR and relevant codes.
29	Volume 4 DBR	.....	Please provide us the value of % increase in allowable pile capacity in LWR combinations.	This shall be as per DBR and relevant codes.
30	Volume 4 DBR	.....	Please provide us the value of % increase in allowable pile capacity in seismic combinations.	This shall be as per DBR and relevant codes.
31	Volume 4 DBR	.....	Please confirm the water table to be considered for evaluation of pile capacity.	The design and geotechnical investigation are in the scope of contractor. Please follow DBR and relevant codes in this regard.
32	Volume 4 DBR	.....	Please confirm whether designs without ductility provisions shall be accepted if appropriate value response reduction factors are used.	Not acceptable.
33	Volume 3 Employer's requirement - Functional	.....	Please confirm that there is no requirement of precast concrete cable trays.	Please follow provisions given in the tender drawings.
34	Volume 3 Employer's requirement - Functional	Please specify the nos. of initial pile load tests and routine pile load tests to be carried out.	This shall be as per Technical Specifications.

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35	Volume 3 Employer's requirement - Functional	We presume that the alignment, levels and structural depths have been decided on the basis of required clearance. In case of any infringement, the designs will need revision or the track levels will need to be increased. Kindly confirm that this will constitute variation.	Design and construction is in the scope of contractor. With regards to variation, please refer Clause 12 of GCC.
36	Volume 3 Employer's requirement - Functional	.....	Kindly confirm whether drainage pipe is to be provided inside the pier.	Drainage pipes shall be outside the body of pier.
37	Volume 3 Employer's requirement - Functional	.....	Please confirm that at locations where alignment lies in center of road, piers will be allowed at road mid, even though if median are not there at road surface at present.	Please refer Clauses 2.1.2 (i), 2.1.2 (ii) & 2.1.2 (xxix) of Employer's Requirements (Functional) which are self explanatory.
38	Volume 7 Geotech report	.....	We request you to provide pile capacities for different diameters for contractor to estimate pile quantities. Any variation in capacities may be catered for during contract execution stage by providing compensation to contractor if capacities are lower or making recovery from contractor if higher capacities are obtained.	Design and construction is in the scope of contractor. Soil investigation is in the scope of contractor. With regards to variation, please refer Clause 12 of GCC.
39	GCC Cl.2.2	Existing Clause: The Employer shall grant the Contractor right of access to, and / or possession of, the site progressively for the completion of works.	i) Request to provide Schedule of handing over of site to plan the Construction Schedule. ii) It is assumed that site handed over to Contractor shall be encumbrance free. Please confirm. iii) If there is any delay in getting the Site Access and delay in getting the Possession of site for which contractor is not responsible, reasonable EOT along with additional cost if any incurred by the Contractor shall be provided by Employer.	Site will be made available as per Clause 2.2 of GCC
40	GCC Cl.8.7	Existing Clause: Suspension by the Contractor	Request for right of Contractor to suspend / reduce the progress of work in case of the following – a) Employer fails to pay the Contractor, the amount due under any payment certificate within 60 days of receipt of Interim bills. b) Employer fails to fulfill its obligations as stipulated in Contract, within 15 days from its due date mentioned.	No change in tender conditions.

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S. No.	Ref. Tender Document	Section / Clause / Page No. of Tender Document	Query / Clarifications by prospective bidder	Reply by DMRC
41	GCC 14	Existing Clause: Indemnity - Contractor to indemnify.	Request for provision of cross indemnificaton. "Both Contractor and Employer shall indemnify each other from and against all actions,proceedings, claims, damages,losses,expenses of any nature, by reasons of any act or omissions of the Contractor/ Employer in the execution of the Works".	No change in tender conditions.
42	SCC 19/ GCC 11.1.3	Existing Clause: Base date for Price Variation shall be the month in which Tender (Price offer) is opened.	Request to change the base date as 28 days prior to the final date of bid submission.	No change in tender conditions.
43	SCC Cl.16	Existing Clause: 52 weeks after the date of issue of the latest Taking over Certificate for the whole of the works	In case, Part of Works are taken over, Defect Liability Period for that Part of the Work shall start from the date of taking over of that Part of Work. Kindly confirm.	No. Existing tender conditions shall prevail.
44	FOT App.1 vi	Existing Clause: Liquidated damages shall be levied as per the rate given in Appendix 2B of Employer's Requirement for delay.	Request for provision of reimbursement of levied Liquidated damages in case the Contractor achieves subsequent milestones.	No change in tender conditions.

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S. No.	Ref. Tender Document	Section / Clause / Page No. of Tender Document	Query / Clarifications by prospective bidder	Reply by DMRC
45	Employer's Requirement Sec B/Fun Cl.2.1.2 (xxviii)	<p>Existing Clause:</p> <p>Demolition/dismantling of RCC framed /steel structures/buildings, masonry buildings including basement, ground and above floors as existing at site on the alignment of viaduct and station locations as indicated in GAD without making damages to the adjacent structures, utilities, etc. including disposing off retrieved materials out of site of work. Demolition/dismantling of road, footpath, kerbstone, central verge, boundary wall, etc. Tenderer must visit the site and ascertain actual magnitude of quantum of work involved for footpaths, kerbstone, central verge, boundary wall, etc. and nothing shall be payable on this account.</p>	All permissions and payments/ rehab of structure to be dismantled, dismantling of structures, vacating the structure shall be in Employers scope. Please confirm.	Please refer amended Clause 2.1.2 (xxviii) in Addendum-3.
46	General	.....	Please provide us approved vendor/supplier list.	Please refer Addendum-4
47	General	.....	Please provide us AutoCAD drawings of the project	Auto Cad drawings have been provided.
48	General	The employer will provide the work areas of Approx. 30000 sqm within 10 Km radius of work site as per availability for construction of segments for viaducts construction & stacking Depot. Free of cost	Please provide details of the land for casting yard	This land comprises provision of casting yard also. However, more details will be provided at contract execution stage.
49	General	.....	Status of Land acquisition may please be provided	Land will be made available as per Clause 2.2 of GCC
50	General	Delay on account of Government Authority to issue approval	Any delay on account of Government Authority to issue relevant approval is in event beyond the control of contractor and shall entitle the contractor extension of time and with proper cost compensation. Please clarify	Please refer Clause 8.0 of GCC

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S. No.	Ref. Tender Document	Section / Clause / Page No. of Tender Document	Query / Clarifications by prospective bidder	Reply by DMRC
51	Right of way	.....	Please indicate the road width which will be made available.	This will be as per the guidelines / laws of local authorities. Please also refer Clause 11 of Employer's Requirements (Functional) in this regard.
52	Employers requirement Construction	Existing Clause: 9. Traffic Management Plan	Please specify if there is any restriction in traffic diversion. Please clarify	Please refer Clause 2.1.10 of Employer's Requirements (Functional) which is self explanatory.
53	General	Ramp	Please clarify the location of the Ramp.	Please refer Clause 2.1.2A (para 1) of Employer's Requirements (Functional) which is self explanatory. In this regard Auto Cad drawings may also be referred.
54	General	Last date of submission of tender	As you may appreciate the project is on part design and build basis and in view of the impending Diwali holidays, request you to extend the last date of submission by atleast three weeks.	Please refer Addendum-5.
1	Volume 5 Tender drawings	GAD	According to the revised GAD drawing No. DMRC/DBD/CORR-2/PNBT-BP/GAD/2015 received with Addendum-3 the centreline chainage of Gunadala station has been revised fro Ch. 6.655 km to Ch. 6.616 km. As a result of this the contract boundary between AMCC-01 & AMCC-02 which is Ch. 6.577 km is now falling on Gunadala station. Since this is not practical we request you to modify the contract boundary chainage appropriately and issue the revised drawings.	Please refer Addendum-5

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S. No.	Ref. Tender Document	Section / Clause / Page No. of Tender Document	Query / Clarifications by prospective bidder	Reply by DMRC
1	<p>As per guidelines of Dept. of Financial Services, Ministry of Finance (MOF), Govt. of India. Use of SFMS platform has been made mandatory for issuing BGs. In this regard we request you to provide us following details:</p> <p>(i) Beneficiary's Name (ii) Beneficiary's Bank Name (iii) Beneficiary's Bank Address (iv) Beneficiary's Account No. (v) Bank IFSC</p>	<p>(i) Beneficiary's Name: Delhi Metro Rail Corporation Ltd.</p> <p>(ii) Beneficiary's Bank Name: ICICI Bank Limited</p> <p>(iii) Beneficiary's Bank Address: 9 A, Phelps Building, Inner Circle, Connaught Place, New Delhi 110001.</p> <p>(iv) Beneficiary's Account No.: 0 0 0 7 0 5 0 3 6 5 3 4</p> <p>(v) Bank IFSC: ICIC0000007</p>

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Queries of Bidder-2				
S. No.	Ref. Tender Document	Section / Clause / Page No. of Tender Document	Query / Clarifications by prospective bidder	Reply by DMRC
We would like to bring a few points to your kind notice after detailed studies on site conditions done by our expert team:				
1	The available road widths from ch 8+600 to the end are 2+2 lane configuration with 1.1m median and variable footpath on either side (mostly 1.5m width). Based on the geotechnical report supplied with the tender documents, lower pile capacities are expected which results in larger pile group requirement for each foundation. With the above available road width configuration, by allowing two lane traffic on either side (as per tender document), the construction of larger pile group is difficult. In this context, optional study for finalising the structural configuration is required which best suits the project location following the tender requirements.	Please refer Clause 2.1.10 of Employer's Requirements (Functional).
2	Stations are proposed to be supported from median pier/columns with 10m overhangs on either side which are accommodating the entire station components. Being a typical structure by allowing a clearance for traffic of at least 4.5m below it during construction (as per tender requirement), specialised construction methodologies need to be developed which are unlike the regular station construction.	Noted
3	The topographical data supplied along with the plan and profile seems to be an older one. Some curves, which are actually present at site (In between ch 5+700 to ch 33+600) are missing in the plan. At these locations the alignment may need to cross the median and align over the existing roads.	Please refer Clause 2.1.1 (i), detailed survey is in the scope of contractor.
<p>You may please appreciate that the time given for bid submission for two packages is not at all sufficient, as we have to do detailed site investigation, prepare detailed designs, drawings and competitive estimates etc.</p> <p>In view of above, we request you to extend the bid submission date by at least 30 days beyond the stipulated date of submission.</p>				Please refer Addendum-5.

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Queries of Bidder-3				
S. No.	Ref. Tender Document	Section / Clause / Page No. of Tender Document	Query / Clarifications by prospective bidder	Reply by DMRC
This is to bring to you kind attention that we wish to submit our most competitive bid for the two projects i.e. AMCC-01 & AMCC-02				
1	<p>As you are aware, such projects require lot of co-ordination with many specialised agencies to get the final pricing of various elements involved. As the date of submission of bid is 14th December, 2015 according to NIT, it is our opinion that some more time is required to complete the preparation of our bid.</p> <p>Hence, we request you to kindly grant us atleast 3 weeks, which allow us to complete the bid process and submit our competitive bid.</p>	Please refer Addendum-5.

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Queries of Bidder-4				
S. No.	Ref. Tender Document	Section / Clause / Page No. of Tender Document	Query / Clarifications by prospective bidder	Reply by DMRC
1	Volume 3 Employer's requirement - Functional	<p>Clause 2.1.2 (xxx)</p> <p>"Design and construction of single track and transition viaduct for the portion indicated in the GAD. Contractor shall account for the provisions for variations in deck width from the standard (for two track) in the quotation....."</p>	Here single track and transition viaduct could not be located properly in the present GAD and needs to be frozen.	Design & construction is in the scope of contractor. However, GADs have been provided in <u>Auto Cad format</u> to facilitate.
2	Volume 3 Employer's requirement - Functional	<p>Clause 2.1.2 (xxxi)</p> <p>"Design and construction of entry exit connection to depot by viaduct and ramp".</p>	Here extent of entry and exit connection to depot could not be located in the GAD.	Design & construction is in the scope of contractor. However, GADs have been provided in <u>Auto Cad format</u> to facilitate.

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Queries of Bidder-5				
S. No.	Ref. Tender Document	Section / Clause / Page No. of Tender Document	Query / Clarifications by prospective bidder	Reply by DMRC
This has reference to the above project; Punj Lloyd Limited is very keen to participate for this project and we stand at a fair place in the preparation of a competitive and comprehensive bid.				
1	<p>However, I would like to bring to your kind notice that our Consultant, who is based at Chennai, have faced a situation with flood and their office has been inundated. Their employees are unable to reach the workplace. Due to this reason we are facing delays from their end which is making it difficult for us to submit a comprehensive bid. This is expected to normalize within 15 days.</p> <p>Hence we humbly submit to your kind consideration to extend the Bid Submission date by another 3 weeks at least. The same shall enable not only us but other serious contenders to put their best quote.</p>	Please refer Addendum-5.

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Queries of Bidder-6				
S. No.	Ref. Tender Document	Section / Clause / Page No. of Tender Document	Query / Clarifications by prospective bidder	Reply by DMRC
1	<p>The following are the approved brands of cement as per the tender specifications for package-I & II tenders of Vijayawada Metro project. ACC, Ultratech, Gujrat Ambuja, Grasim, JK Lakshmi, JSW, Lafarge, Chettinad & Nagarjuna.</p> <p>But, Ambuja, JK Lakshmi, JSW & Lafarge - They don't manufacture OPC 43/53 Grade cement.</p> <p>Ultratech & Grasim - Both represent only one brand -Ultratech.</p> <p>Ultratech has one unit in Tadipatri - Sells negligible volumes in Vijayawada (Non Operative Market)</p> <p>Chettinad - Has no plants in AP: They have major capacity from AP's neighboring state Tamilnadu.</p> <p>ACC Cement: Has no OPC producing plant i AP: They have major capacity units in neighbouring states Karnataka & Tamilnadu.</p> <p>Out of the nine brands mentioned above only Nagarjuna has a grinding unit in AP which do not manufacture large volume of cement.</p> <p>The following cement plants produces OPC 43/53 grade cement in abundance in AP: Dalmia Cement, Bharathi Cement, Jaypee Cement, Ramco cement, Maha Cement, Prakashvati Cement, Penna Cement, Sagar Cement, India Cement, KCP Cement, Zuari / Vishnu Cement and Bhavya Cement.</p> <p>Due to the above reasons, request you to revise the approved brands of cement as it will have bearing on the price to be quoted and issue necessary amendment.</p>	<p>Please refer paragraph-2 of the DMRC's approved manufacturers / suppliers list issued in Addendum-4 in this regard, which is self explanatory.</p>