

Contract No: BW-UG-02-Tunnels (Pre-bid Queries and Replies)

(A) Queries dated 28.12.2015

Sl. No	Page/ Vol No	Clause No	Description	Tender Condition	Tenderer's Queries	CMRL Comments	Addendum to be issued (Yes/No)
1					<p>The contract duration observed as per NIT is 9 (Nine) Months from the date of issue of Letter of Acceptance.</p> <p>As you are aware, one of the TBMs requires considerable repair and will require min. 3 months. Also we understand that, on account of the recent flood and deluge in Chennai both TBMs and other equipments were submerged under flood waters and require repair/replacement of most of the electronic components.</p> <p>Considering the time required for the repair and commissioning of equipments as 3 months, we are left with an effective time of only 6 months. There is appx. 1900m of tunnel to be bored and the asking rate of TBM is appx.300m per month, 12m per day, is impossible to achieve in this type of strata.</p> <p>You are kindly aware that, the average progress achieved in similar underground strata at UAA01 package is only 2m per day and UAA02 Package by previous JV is only 3.5mper day in the same alignment.</p> <p>We request you to go through the attachment which shows the tentative Tunnel schedule, considering above factors and average progress of 3.5m per day, the time required for completion of the tunnel works out to be 30months.</p> <p>We request to amend the duration of project to minimum 30 months, to enable us to participate and submit a competitive bid.</p>	<p>Time required for the contract shall be finalised by CMRL and addendum will be issued.</p>	<p>Yes</p>

2			Design and Drawings		Bidders have to see and verify the details of the actually executed structures, we request you to provide GFC / As built drawings for the same.	Designs & Drawings of stations designed by the terminated contractor are available with CMRL. If required, interested Bidders can Approach CMRL with a letter to collect one Typical set of Designs and Drawings.	No
3	Part 2, Section VI Employer's Requirement Tender Drawings		Design & AutoCAD Drawings	Existing drawings provided are scanned images; not even a true pdf files.	soft copy of all design in original format and drawings in AutoCad format is required to complete the balance design	Designs & Drawings of stations designed by the terminated contractor are available with CMRL. If required, interested Bidders can Approach CMRL with a letter to collect one Typical set of Designs and Drawings.	NO
4			Design Basis Report		The copy of approved DBR and GIR is required on the basis of which part design and construction has already been completed.	Approved DBR and GIR by the terminated contractor are available with CMRL. If required, interested Bidders can Approach CMRL with a letter to collect the same.	NO
5			Facilities for Interfacing contractor		Request you to let us know the interface requirement between Station and Tunnel Contractor. Please let us know if station contractor will wait till completion of all TBM operations.	Some of the works such as casting of roof slab, works above roof slab, ancillary building, Entry exit structures can be taken up by the station contractor till the passage of TBM through the station. Please refer to addendum for Revised Key dates.	Yes
6			Facilities for Interfacing contractor	Provide Electricity to interfacing contractor	Please provide the quantum of power required to the interface contractors	a) The power requirement need to be worked out . b) However, the sharing of power, ventilation etc shall be based on the mutually agreed rate between the interfacing contractors.	NO
7	B2,Section B	Employer Requirements	Drawing submissions & approval status	Design & construction	Request you to provide the status of drawings design submission & approval of Civil.	a) All design submissions and drawings for main box, ancillary buildings, entry-exit structures (except ES-D of Thousand Lights station), Tunnel and Cross passages are approved. b) Design submission for all above ground structures is pending. c) However, the contractor has to revalidate the design of yet to construct structures before execution. d) Any further information/data/design/ drawings and any change in design due to site constraints etc , the contractor has to submit the details for Engineer's approval before execution.	NO

8	B2 Section B	Employer Requirements	Scope of Works	Tunneling & associated works	There cannot be correct assessment of balance work by bidders. Please provide the exact status of balance works in detail & in the form of spread sheet.	a) Not Agreed. b) Original Contract condition prevails c) Bidder to access the quantum of work based on site visit.	No
9	Volume – 2 Section 3	3.5.14	TBM	Existing Herrenknecht make 2Nos TBMs and associated accessories	Please provide the condition of the TBM, Cutter head and balance life of the machine. Please provide the guarantee that after repair TBM is designed for the balance work soil strata and equipment is in perfect working condition.	a) Not Agreed. b) Original Contract condition prevails c) Bidder to access the TBM condition based on site visit.	No
10	Volume – 2 Section 3	3.5.14	TBM	Existing Herrenknecht make 2Nos TBMs and associated accessories	We understand existing TBMs are submersed under water due to recent heavy rain in Chennai. Please provide the actual condition of the TBMs.	a) Not Agreed. b) Original Contract condition prevails c) Bidder to access the TBM condition based on his experience.	No
11	Part 3, BDS, Section VIII – PC-Part A	Cl. 14.2, Pg. 1-4	Advance Payment	5% Percentage of the Accepted Contract Amount	Since huge investment is required in terms of equipments and material, there is going to be negative cash flow. In view of the above we request you to modify the advance payment to 10% of accepted contract amount.	a) Agreed. b) Addendum will be issued.	Yes
12	Part-3, , Section VIII – PC-Part A, Pg. 1-4	Conditions of Particular Application	Interim Payment Certificate	2% of the Accepted Contract Amount.	Request you to make Interim payment on actual.	a) As agreed in Pre-Bid meeting, the clause will be modified as “Interim Payment to be made only if value of work done is more than 1% of contract Value.” b) Addendum will be issued.	Yes
13	Part-1, Pg. SIB-6	Cl. 45.4.2	Major Construction Equipments	Some of the major Plant & Machinery such as Tunnel Boring Machines (TBMs'), batching plant, etc taken over from the previous contractor will be made available to the tenderer's free of cost.	Kindly provide equipments specifications, Nos. of equipments; existing equipment condition as repair & maintenance has to be considered in tender price.	a) List of Terminated Contractor's equipment is already available in the tender document. b) If the Contractor intends to use the Terminated Contractor's machinery / equipment , he has to access the fitness, carry-out service/repair & maintain them c) Or else, he will be permitted to bring his own machinery to complete the balance works without any cost to CMRL.	No

14	Part-1 Volume 1, section B, B2	Cl. Viii	Tunneling	Twin bored tunnels of minimum 5.8m internal dia. For single track railway, including access & ventilation Shafts	1) Please provide balance works status of tunnel works with chainages specifying interface with stations. 2) What is method of passing of TBM through each station? 3) What is the Method adopted for Cross Passages?	1) Bidder to access the quantum of work based on his experience and by visiting the site. 2) TBM shall pass through Thousand Lights station by Drive through. 3) For CPs, since work has not started. construction methodology can be proposed by the New contractor. a) Out of 11Nos cross-Passages, Ground treatment only has been done for 5 CPs. However the condition/Quality of Ground Treatment may be checked by the contractor and any additional / corrective works that are required are to be carried out by the contractor. b) For balance 6Nos cross passages, Ground Treatment is the responsibility of the contractor. c) The Contractor has to plan for grouting operations from inside the Tunnel in case it is not possible to do it from Ground Level.	No
15			Soil Investigation		Please confirm if contractor will have to carry out again soil investigation during detailed design stage.	Yes, if required .	No
16			Method and construction Programme		Request you to provide approved Method statement and construction programme / bar chart of previous contractor.	a) construction methodology drawings by the terminated contractor are available with CMRL. If required, interested Bidders can Approach CMRL with a letter . b) The construction sequence scheme can be modified to suit his requirements , which shall be reviewed and approved by the ER	No
17			Monthly Progress report		Request you to provide Monthly Progress report giving status of balance work, NCRs, Reasons for delays, Problems faced, Remedies etc	a) Not Agreed. b) Original Contract condition prevails c) Bidder to access balance work based on his experience.	No
18	Reply to bidders queries Point 140		Rate of Materials	Any material available at site, if used for permanent works, shuttering, or staging materials will be charged.	Request you to let us know at what rate you will charge material like Reinforcement steel, formwork etc	a) Raw materials like reinforcement, D wall cage, sand, aggregates lying at the site will be released to the terminated contractor. b) Serviceable /Usable formwork material can be utilised by the new contractor free of cost.	No

19			Site Office, Porta Cabins, etc		We understand contractor will be allowed to use existing site facilities like site offices, other site installations at free of cost. Please confirm	The existing site offices, stores, containers, sheds, P&M workshop, stacking area, canteen, etc may be utilized by the new contractor free of cost. However they have to be examined to check the feasibility of usage and their maintenance is the responsibility of the successful bidder in case he intends to use them.	No
20			Equipments		During site visit we observed there are various equipments lying at site. In case contractor does not wish to use any of the equipment available at site, it is to be handed over to CMRL as and where it is. Please confirm.	a) They will be released to the terminated contractor at the site where they are lying.	No
21			Balance Tunnel work for UAA-02		We understand 2 nos. TBM those are available for doing balance tunnel work, out of which one TBM is stuck up and need heavy repairing work. There are chances entire cutter head to be replaced by doing additional shaft. All this mitigations measures need time and cost. It is not possible to complete UAA-02 package in 20 months time. Request you to extend the duration to 30 months . Please confirm. Request you to refer to our letter ref: SBU-III/T2015/26R/TR/629	Time required for the contract shall be finalized by CMRL and addendum will be issued.	Yes

22			Balance Tunnel work for UAA-02		<p>We understand approx. 800nos of tunnel segments are already casted and balance is to be casted. Please let us know the following:</p> <p>a) Whether inserts are available for already casted segments?</p> <p>b) In case contractor wish to use already casted segments and inserts. Please let us know at what rate CMRL will charge Segments and Inserts.</p>	<p>a) CMRL clarified that, the segment rings can be collected free of cost from the casting yard at Muthukadu.</p> <p>b) The transportation from casting yard to site and the consumables like bolts, EPDM gaskets and Hydrophilic gaskets etc are to be arranged by the contractor on their own.</p> <p>c) However, CMRL reserves the right to ask the contractor to manufacture the Segment rings at Muthukadu casting yard at any point of time, when required.</p> <p>d) The casting yard facility can be utilised by the contractor. However, the required materials, operation and maintenance of the casting yard are to be taken care by the contractor on their own and the contractor shall be paid for each ring at the rate of Rs 1,73,599/- (Rupees one Lakh Seventy Three Thousand Five Hundred and Ninty Nine Only) for Type-I (1.5m) Segment Ring and Rs 1,67,680/- (Rupees one Lakh Sixty Seven Thousand Six Hundred and Eighty Only) for Type-I (1.4m) segment ring. The above rate is inclusive of production cost, transportation of segments within the yard for curing etc., Quality assurance tests, Quality control tests, maintaining of safety standard inside the yard area, Maintenance of yard and all other costs which is required for production of rings and other activities.</p> <p>The Addendum with this additional condition shall be issued.</p>	Yes
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(B) Queries dated 12.01.2016

Sl. No	Page/ Vol No	Clause No	Description	Tender Condition	Tenderer's Queries	CMRL Comments	Addendum to be issued (Yes/No)
1.	IFB-2/part 1, Invitation for Bids	Point No 6	Bid Submission	Bids must be delivered to the address above on or before 14.00 Hrs IST on 23-02-2016	As it is a Design & Build Contract for balance work, we need to access the balance works which requires additional time to submit the tender. Request to extend submission date at least 6 weeks from 23.02.2016.	<p>a) Not Agreed.</p> <p>b) Original Contract condition prevails</p>	No

2.	SIB-6/part 1, Supplementary Instructions	ITB 45.4.2	Idle machineries		Please provide the latest Fitness test reports for each equipments.	a) If the Contractor he intends to use the Terminated Contractor's machinery / equipment , he has to access the machine in as is where is condition and check the fitness, carry-out service/repair & maintain them b) Or else, he will be permitted to bring his own machinery to complete the balance works without any cost to CMRL.	No
3.	BDS-3/Part 1, Bid data Sheet	ITB 18.7	Service Tax	(iii) Service Tax	Please Confirm that service tax is exempted from the project. We need to pay service tax on hired equipment, design services etc. the impact of change in law related to service tax is not covered in price variation clause. We request to reimburse the service tax at actual.	The Service tax at the prevailing rate shall be reimbursed to the contractor on production of Documentary evidence to CMRL about payment of ST. Service tax exemption for the project will be availed as applicable but not for hired equipments.	No
4.	BDS-3/Part 1, Bid data Sheet; Preamble of pricing schedule.	ITB 19.1	Currency of Bid	The Currency of the Bid shall be in Indian Rupees and two other currencies from OECD countries (Japanese yen/US Dollar/Euro)	The stated provision contradicts with Pricing Summary as the currency of Bid should be in Indian Rupees only. Please Confirm	a) The Bidder can quote the price in Indian Rupees and two other specified foreign currencies (i.e US Dollars and Japanese Yen) only.	NO
5.	EQC-2/Part 1, Section III, EC & QR Initial Filter	1.1.2	Equipment	Diaphragm Wall Equipment – 4 Nos	As Station D-walls are already completed, 4 D-wall rigs for Entry/Exit areas are very high. Request to replace this with the numbers arrive from the actual contractor's construction schedule/program.	Not Relevant to Tunnel Contract.	NO
6.	BF-8/part 1, Section IV Bidding Forms	Schedule of Adjustment Data	(C) Source of Index	RBI-CPI- (labour)	Request to consider to minimum wages as per Govt. of Tamil Nadu.	a) Not Agreed. b) Original Contract condition prevails	NO
7.	BF-8/part 1, Section IV Bidding Forms	Schedule of Adjustment Data	(C) Source of Index	RBI-CPI- - Cement	<ul style="list-style-type: none"> There are no indices for Cement. Even WPI index does not reflect the actual change in the prices, request to consider market price/star price. 	a) RBI-WPI to be considered. b) Addendum will be issued RBI-WPI-(Cement+Lime)- for Cement	YES
8.	BF-8/part 1, Section IV Bidding Forms	Schedule of Adjustment Data	(C) Source of Index	RBI-CPI- - Steel	Request to please change to WPI indices.	a) RBI-WPI to be considered. b) Addendum will be issued RBI-WPI- (Steel Long)- for Steel	YES
9.	BF-8/part 1, Section IV Bidding Forms	Schedule of Adjustment Data	(C) Source of Index	RBI-CPI- (Fuel)	Request to please consider IOCL price.	a) RBI-WPI to be considered. b) Addendum will be issued <i>RBI-WPI- Mineral Oil –for Fuel</i>	YES

10.	BF-10/part 1, Section IV Bidding Forms	1.2	Contract Price	The Tenderer is to note that Price Center "I" must be priced in Indian Rupees only . Payments for Price Centers B, C, D, E, F, G, and H also will be made only in Indian Rupees . Price Center "A" shall also be paid only in Indian Rupees .	Request to allow Foreign Currency also.	Price centre "I" does not exist in the tender documents. a) Price Centre F indicate the repair Items with quantity. b) The Bidder has to quote rate for each item and the payment shall be made as per actual measurement and in Indian Rupees only.	No
11.	BF-14/ part 1, Section IV Bidding Forms	1.5	Payment Concept	Subject to the Contractor's Monthly Statement meeting the minimum value of 2% of Contract Price, and after the Employer's Representative's assessment, the Employer's Representative will issue an Interim Payment Certificate calculated on percentages from the SOP Items, Sub-clause 1.3.4.6 above, for each Price Center in the manner described in Sub-clause 14.6 of GC above.	As the scope of work for contractor is only Balance works, request to delete this clause.	a) As agreed in Pre-bid meeting, this clause shall be revised to minimum value of 1% of Contract Price for issuing IPC . b) Addendum to be issued	Yes
12.	D-3, part 2, Employer's Requirements	Construction	(18)	The Contractor has to remit a rent equivalent to an amount of 1% of the "guideline value" of the property per annum, for the period of occupancy of the area of land. In case the land can't be handed over to the Contractor, the Contractor has to make his own arrangements for other facilities without any liability to the Employer.	Request CMRL to provide existing land already given to the previous contractors free of cost.	Clause does not match with the Tender documents. PI refer correct clause.	No
13.	D-27, part 2, Employer's Requirements	Construction	Attachment D1	The Employer will not provide living accommodation for the use of the Contractor or any of his staff or labour employed on the Works. Living accommodation shall not be established on any land provided to the Contractor by the Employer.	Request to confirm the use of Existing Setup of labour Colony is allowed. Please confirm the monthly rental for the same.	CMRL has not provided any land to the terminated contractor for setting up the labour colony.	No
14.	D-20, part 2, Employer's Requirements	(8)	Muck Disposal	All excavated material, excluding waste material, bentonite fluid and bentonite contaminated material shall be disposed of at appointed sites only. This material shall be placed and compacted in accordance with the Construction Specification for Earth Works or as otherwise directed by the Engineer's Representative.	Please provide the location of appointed site for muck disposal.	a) Muck disposal sites will be provided to the Contractor to dispose the muck from tunnel boring and also excavated spoil from the stations. All these sites will be approximately 40 km from Chennai Central Station. b) The Appointed Muck disposal site shall be intimated to the contractor after the award of the work. c) Addendum will be issued	Yes

15.	GC-14/Part 3, Section VII, General Conditions	Clause 2.2	Permits, Licenses or Approvals	The Employer shall provide, at the request of the Contractor, such reasonable assistance as to allow the Contractor to obtain properly: (a) copies of the Laws of the Country which are relevant to the Contract but are not readily available, and (b) any permits, licences or approvals required by the Laws of the Country: (i) which the Contractor is required to obtain under Sub-Clause 1.13 [Compliance with Laws], (ii) for the delivery of Goods, including clearance through customs, and (iii) for the export of Contractor's Equipment when it is removed from the Site.	Please confirm that any delays as a result of obtaining approvals/permits/licences from any authorities that are beyond the control of the Contractor shall not be considered as non-performance.	Contractor to apply and get all the permits well in advance. It is the responsibility of the contractor to get all the clearances.	No
16.	GC-24/Part 3, Section VII, General Conditions	Clause 4.15	Access Route	The Contractor shall be deemed to have satisfied himself as to the suitability and availability of the access routes he chooses to use..... The Employer will not be responsible for any claims which may arise from the use or otherwise of any access route. The Employer does not guarantee the suitability if availability of any particular access route,	Request to consider compensation in case of delays caused due to non-availability of continuous access.	a) Not Agreed. b) Original Contract condition prevails	No
17.	GC-25/Part 3, Section VII, General Conditions	Clause 4.18	Protection of Environment	The Contractor shall take all reasonable steps to protect the environment (both on and off the Site) and to limit damage and nuisance to people and property resulting from pollution, noise and other results of his operations. The Contractor shall ensure that emissions, surface discharges and effluent from the Contractor's activities shall not exceed the values indicated in the Employer's Requirements or prescribed by applicable Laws.	Protection of the environment shall be limited to within Site premises only as the Contractor could not be held responsible for Environmental impacts in outside the site locations. Please modify the clause accordingly.	a) Not Agreed. b) Original Contract condition prevails	NO
18.	GC-27/Part 3, Section VII, General Conditions	Clause 4.22	Security of the site	Unless otherwise stated in the Particular Conditions: (a) the Contractor shall be responsible for keeping unauthorised persons off the Site, and (b) authorised persons shall be limited to the Contractor's Personnel and the Employer's Personnel; and to any other personnel notified to the Contractor, by the Employer or the Engineer, as authorised personnel of the Employer's other contractors on the Site.	Request to consider sharing of various cost incurred by civil contractor in case of services used by designated system wide contractor.	a) The site security shall be the responsibility of the Civil contractor.	No

19.	GC-41/Part 3, Section VII, General Conditions	Clause 8.4	Extension of Time for Completion	<p>The Contractor shall be entitled subject to Sub-Clause 20.1 [Contractor's Claims] to an extension of the Time for Completion if and to the extent that completion for the purposes of Sub-Clause 10.1 [Taking Over of the Works and Sections] is or will be delayed by any of the following causes:</p> <p>(a) a Variation (unless an adjustment to the Time for Completion has been agreed under Sub-Clause 13.3 [Variation Procedure]),</p> <p>(b) a cause of delay giving an entitlement to extension of time under a Sub-Clause of these Conditions,</p> <p>(c) exceptionally adverse climatic conditions,</p> <p>(d) Unforeseeable shortages in the availability of personnel or Goods caused by epidemic or governmental actions, or</p> <p>(e) any delay, impediment or prevention caused by or attributable to the Employer, the Employer's Personnel, or the Employer's other contractors.</p> <p>If the Contractor considers himself to be entitled to an extension of the Time for Completion, the Contractor shall give notice to the Engineer in accordance with Sub-Clause 20.1 [Contractor's Claims]. When determining each extension of time under Sub-Clause 20.1, the Engineer shall review previous determinations and may increase, but shall not decrease, the total extension of time.</p>	There is provision only for compensation of time and not cost. The Contractor should be compensated for costs arising due to delays not attributable to the Contractor.	Not agreed.	NO.
20.	GC-61/Part 3, Section VII, General Conditions	Clause 14.7	Payment	<p>(b) the amount certified in each Interim Payment Certificate within 56 days after the Engineer receives the Statement and supporting documents or, at a time when the Bank's loan or credit (from which part of the payments to the Contractor is being made) is suspended, the amount shown on any statement submitted by the Contractor, within 14 days after such statement is submitted, any discrepancy being rectified in the next payment to the Contractor including any amounts due in accordance with a decision by the DB which have been included in the Interim Payment Certificate; and</p>	We request to consider payment of 80% of the interim amount within 7 days from the date of submission of monthly invoice and the balance 20% in next 14 days.	<p>a) Not Agreed. b) Original Contract condition prevails (C) This is the standard time for release of payments as per GC. However efforts will be made to pay early.</p>	NO

21.	GC-75/Part 3, Section VII, General Conditions	Clause 18.3	Insurance against injury to Persons and Damage to Property	<p>The insuring Party shall insure against each Party's liability for any loss, damage, death or bodily injury which may occur to any physical property (except things insured under Sub-Clause 18.2 [Insurance for Works and Contractor's Equipment]) or to any person (except persons insured under Sub-Clause 18.4 [Insurance for Contractor's Personnel]), which may arise out of the Contractor's performance of the Contract and occurring before the issue of the Performance Certificate. This insurance shall be for a limit per occurrence of not less than the amount stated in the Contract Data, with no limit on the number of occurrences. If an amount is not stated in the Contract Data, this Sub-Clauses shall not apply.</p> <p>As per Particular Conditions(PC) Part A – Contract Data</p> <p>Minimum amount of Third Party Insurance – INR 0.50 Million INR per occurrence.</p>	Please consider having limitation for the number of incidents (say 4 nos.). For any further incidences, then the same shall be suitably compensated by the Employer.	a) Not Agreed. b) Original Contract condition prevails	NO
22.	1-3/Part 3, Section VIII, Particular Conditions/PC-3		Performance Security	"The Performance Security will be in the form of a "demand guarantee" or "performance bond" in the amount(s) of 7.5%percent of the Accepted Contract Amount and in the same currency(ies) of the Accepted Contract Amount.	Request to reduce the Performance Security from 7.5% to 5%	a) Not Agreed. b) Original Contract condition prevails	NO
23.	1-4/Part 3, Section VIII, Particular Conditions/PC-4		Maximum amount of Delay damages	10%	Request to limit to maximum 5% instead of 10%.	a) Not Agreed. b) Original Contract condition prevails	NO
24.	1-4/Part 3, Section VIII, Particular Conditions/PC-4		Total Advance Payment	5% Percentage of the Accepted Contract Amount payable in the currencies and proportions in which the Accepted Contract Amount is payable in two equal installments. First installment is paid on production of BG and second installment is paid after satisfactory utilization of the first installment.	Request to increase the advance 5% to 10%.	a) Agreed in Prebid meeting. It shall be paid in two installments as per tender condition b) Addendum will be issued.	YES
25.	1-4/Part 3, Section VIII, Particular Conditions/PC-4		Plant Materials and	Deleted	Request to provide 10% interest free P&M Advance.	a) Not Agreed. b) Original Contract condition prevails	NO

26.	2-5/ Part 3, Section VIII, Part B-Specific Provisions	SP 10	4.10 Site Data	4.10.1The responsibility of the Contractor under sub-clause 4.10 of GC is full and final and no claim by the Contractor for additional payment or extension of time shall be allowed on the grounds that of any misunderstanding or misapprehension by the Contractor or that incorrect or insufficient information was given to the Contractor or that he failed to obtain correct and sufficient information.	Request to consider extension of time as well as cost compensation since it is beyond Contractor's control.	a) Not Agreed. b) Original Contract condition prevails	No																
27.	1-5/ Part 3, Section VIII, Particular conditions /PC-5		LD	<table border="1"> <thead> <tr> <th>Key Dates</th> <th>Liquidated damages for first 28 days</th> <th>Liquidated damages between Day 29 and day 56</th> <th>Liquidated Damages from Day 57</th> </tr> </thead> <tbody> <tr> <td>Key Date 8</td> <td>50,000</td> <td>2,00,000</td> <td></td> </tr> </tbody> </table>	Key Dates	Liquidated damages for first 28 days	Liquidated damages between Day 29 and day 56	Liquidated Damages from Day 57	Key Date 8	50,000	2,00,000		Request to change as follows : <table border="1"> <thead> <tr> <th>Key Dates</th> <th>Liquidated damages for first 28 days</th> <th>Liquidated damages between Day 29 and day 56</th> <th>Liquidated Damages from Day 57</th> </tr> </thead> <tbody> <tr> <td>Key Date 8</td> <td>10,000</td> <td>50,000</td> <td></td> </tr> </tbody> </table>	Key Dates	Liquidated damages for first 28 days	Liquidated damages between Day 29 and day 56	Liquidated Damages from Day 57	Key Date 8	10,000	50,000		Not Relevant to Tunnel Contract	NO
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28.	General				Successful contractor liability shall be limited to the works carried out by them. Please confirm.	Successful contractor liability shall be limited to the works carried out by them.	NO																
29.	General				As we understand that part of the station slabs and walls are already completed & coupler provisions are already made by previous contractor. Hence please confirm whether bidder has to be adopt the same design and Reinforcement detailing as per the previous contractor or Contractor can design our own with different thickness. In case Contractor has to adopt the same design request to provide the following: <ol style="list-style-type: none"> 1. Approved design calculation 2. GFC drawings 3. Reinforcement drawings 4. As built drawings of completed slabs/D wall 5. Any other related modifications or EIR etc. 	Not Relevant to Tunnel Contract	No																
30.	General				During our site visit it is found that in many locations reinforcement work and other works are not completed, but the drawings indicates reinforcement works are completed. Hence we request either to provide latest/actual as built drawings or these works can be completed by CMRL and it should not be part of Contract scope.	Not Relevant to Tunnel Contract	No																

31.	General				During our site visit it is found that materials (raw materials like reinforcement, D wall cage, sand, aggregates, formwork materials, etc.) are lying at the site. Please provide the list and qty. of materials which can be used by the successful bidder after awarding of contract at free of cost.	Not Relevant to Tunnel Contract	No
32.	General				During our site visit it is found that in some stations bulging / Dampness / leakages / honeycombs of D-wall / slabs / structures in certain locations. Request to provide the exact scope for repair works of already constructed structures.	Not Relevant to Tunnel Contract	NO
33.	General				Many labours and other P&M Contractors are standing at site for their balance payment with Previous Contractors. Please ensure that complete hindrance free site will be handed over to the successful bidder.	a) The site security shall be the responsibility of the contractor after award of the work.	NO
34.	General				Please provide the exact scope for Reinstatement of works. As we are doing only balance work, we don't know the original site condition which was handed over to the previous contractor.	This is to be inferred from the street level plans shared	NO
35.					Please provide the exact scope for any re-shifting of utility to be carried out during or after completion of structure. As we are doing only balance work, we don't know the original site condition which was handed over to the previous contractor.	Documents available in CMRL can be accessed on request. Payment shall be as per actual.	NO
36.					As the balance works are to be executed based on certain sequence which may lead to shifting of utility more than one time, hence under Price Centre "I" contractor shall be paid on actual qty of work done taking in account in multiple shifting.	Temporary shifting of the Utility should be planned in such a way that it does not involve multiple shifting. The utility can be reinstated to original condition after completion of work. Payment shall be as per actual.	NO
37.					Request to provide the existing and proposed traffic diversion schemes.	Bidder to access and quote accordingly. The traffic diversion scheme can be modified in co-ordination with Traffic police to suit his construction sequence	No
38.					Request to provide the earlier planned sequence of construction.	Bidder to access and quote accordingly. The construction sequence scheme can be modified to suit Project delivery schedule, which shall be submitted to approval of Engineer	

39.					Request to provide the details of casting yard along with moulds details and number of good/usable segments which are readily available.	<p>(Query related to Tunnel Contract).</p> <p>a) CMRL clarified that, the segment rings can be collected free of cost from the casting yard at Muthukadu.</p> <p>b) The transportation from casting yard to site and the consumables like bolts, EPDM gaskets and Hydrophilic gaskets etc are to be arranged by the contractor on their own.</p> <p>c) However, CMRL reserves the right to ask the contractor to manufacture the Segment rings at Muthukadu casting yard at any point of time, when required.</p> <p>d) The casting yard facility can be utilised by the contractor. However, the required materials, operation and maintenance of the casting yard are to be taken care by the contractor on their own and the contractor shall be paid for each ring at the rate of Rs 1,73,599/- (Rupees one Lakh Seventy Three Thousand Five Hundred and Ninty Nine Only) for Type-I(1.5m) Segment Ring and Rs 1,67,680/- (Rupees one Lakh Sixty Seven Thousand Six Hundred and Eighty Only) for Type-I (1.4m) segment ring. The above rate is inclusive of production cost, transportation of segments within the yard for curing etc., Quality assurance tests, Quality control tests, maintaining of safety standard inside the yard area, Maintenance of yard and all other costs which is required for production of rings and other activities.</p> <p>The Addendum with this additional condition shall be issued.</p>	Yes
40.					Please provide the details of existing site offices, stores, containers, sheds, P&M workshop, stacking area, canteen, etc. which can be used by Contractor at free of cost.	The existing site offices, stores, containers, sheds, P&M workshop, stacking area, canteen, etc may be utilized by the new contractor free of cost. However they have to be examined to check the feasibility of usage and their maintenance is the responsibility of the successful bidder in case he intends to use them.	No

41.	45.6 of page SIB-7			Some important works and safety related items of work will be executed by the CMRL/Employer through already available agencies and they will be paid for the works being carried out up to the date of commencement of works by the tenderer. The reduction in scope shall be applied in such cases and the rates for these items of works to be paid to agencies by the Employer will be based on Southern Railway Schedule of Rates 2008 + 50%, DSR, TNEB, CMWSSB rates etc. as applicable to the year 2015 (applicable as written in priority). The amounts paid for such works as per the above will be deducted from the amounts payable to the tenderer who will be finalized through these bids.	Request CMRL to provide list of completed important works and safety related items two weeks before submission of tender so that price for the same need not to be included in total tender amount. Further request CMRL to provide list of important works and safety related items along with the value which will be executed between two weeks before bid submission and commencement of work and it shall be part in CMRL scope (so that Contractor need not to include in there scope). Before commencement of work any pending works can be executed by contractor as a Variation item.	a) Not Agreed. b) Original Contract condition prevails	NO
42.	BF-8/Part 1/Section IV	Bidding Forms	Schedule of Adjustment Data	Bidder's proposed Weighting a : 0.3(Fixed)	Usually it is 0.15, Request to change to 0.15(Fixed) instead of 0.3(Fixed).	a) Not Agreed. b) Original Contract condition prevails	NO
43.	1119 & 1123 and 1289 / Part-2		Drawing No. GCC-490-1CC-0970025-D, GCC-490-SGM-0970029-C & GCC-290-000-1000872-E	GCC-490-1CC-0970025-D: Start Ch-5540.555 & End Ch-9853.13 GCC-290-000-1000872-E: Start Ch-5540 & End Ch-9845.00	Mismatch in start & End Chainage, please clarify which is to be followed / final	Bidders shall validate the already approved drawings, if required, submit for approval of Engineer as in the case of new designs and drawings. May reconciled the difference in chainage by contacting CMRL.	No
44.	Part-2, Section VI, Volume 4	Tender Drawings	Architectural	-	Please provide the structural and layout details of ancillary buildings	Not Relevant to Tunnel Contract	No
45.	Part-2, Section VI, Volume 4	Tender Drawings	-	-	Please provide the construction methodology drawings for already started work like Stations, Entry exit, ancillary building etc. is required	Not Relevant to Tunnel Contract	No
46.	Part-2, Section VI, Volume 4	Tender Drawings	Work Area	-	Please provide the details of Work area which will be provided to the contractor for entry exit construction.	Not Relevant to Tunnel Contract	No
47.					Station		
48.					Please provide formwork material available details	Not Relevant to Tunnel Contract	No
49.					Please provide barricade provided status	Not Relevant to Tunnel Contract	No
50.					Please provide shoring arrangement available status	Not Relevant to Tunnel Contract	No
51.					Please provide OTE duct erection details and available machineries for erection of OTE duct	Not Relevant to Tunnel Contract	No

52.					Please provide OTE duct precast segment construction status	Not Relevant to Tunnel Contract	No
53.					Please clarify regarding Muck skip availability	(Question related to Tunneling.) a) The existing system of the terminated contractor is by means of conveyor belt from TBM to ground level and the same can be utilized. However the contractor may also use other systems b) Bidder to access and quote accordingly.	No
54.	Part-2, Volume IV	Tender Drawings, Part 5	Construction Status as on August 2015		Please provide status drawings for platform level & base level of LIC station and concourse level, platform level & base level of thousand lights station (or) Can we consider it as incomplete, please confirm	Not Relevant to Tunnel Contract	No
55.					Please provide the details of dewatering technique adopted & machineries provided in each station	Bidder to access and quote accordingly.	No
56.					Traffic diversion		
57.	Part-2, Volume IV	Tender Drawings, Part 5	Construction Status as on August 2015		Please provide the Traffic decking status for all stations	Bidder to visit the site, access and quote accordingly.	No
58.	Part-2, Volume IV	Tender Drawings, Part 5	Construction Status as on August 2015		Please provide plunge column and king post installed status for all stations	Not Relevant to Tunnel Contract	No
59.	Part-2, Volume IV	Tender Drawings, Part 5	Construction Status as on August 2015		Please provide the drawings for existing and proposed traffic diversion plan	a) Bidder to visit the site, access and quote accordingly. b) The traffic diversion scheme can be modified in co-ordination with Traffic police to suit his construction sequence, which can be submitted to the ER for NOC	No
60.					Utility		
61.	Part-2, Volume IV	Tender Drawings, Part 5	Construction Status as on August 2015		Please provide the as on date utility diversion proposals & status	Bidder to visit the site, access and quote accordingly.	No
62.					Key Date		

63.	Part-2, Volume I	Appendix 2B	CONTRACT KEY DATES AND COMPLETION DATE	-	Key achievement programme can't be shown without knowing the TBM movement plan of the UAA02 TBM Contractor	Not Relevant to Tunnel Contract	YES
64.					Kindly Confirm whether Thousand light station will be drive through or pass through as per the TBM movement plan for planning station construction works	Drive Through has been planned in Thousand lights station.	NO
65.	Part-2, Volume I	Appendix 2B	CONTRACT KEY DATES AND COMPLETION DATE		Request to increase all Key dates by 90 days.	a) Not Agreed. b) Refer to addendum for revised Key dates.	No
66.	Part-2, Volume I	Appendix 2B	CONTRACT KEY DATES AND COMPLETION DATE		As majority part of station construction is interlinked with TBM tunneling construction, any delay because of TBM tunneling contractor will affect the station construction schedule. Please confirm delays due to TBM tunneling works will be compensated in time and cost.	Not Relevant to Tunnel Contract	Yes
67.	Part-2, Volume I	Appendix 2B	CONTRACT KEY DATES AND COMPLETION DATE	-	Kindly provide scheduled date for breaking LIC Station TBM Segments, since all the key date achievements are dependent on TBM segment breaking	Not Relevant to Tunnel Contract	YES
68.					Provide casting yard available equipment and material list	Not Relevant to Tunnel Contract	NO
69.					Please provide approved design/drawings for all stations and entry/exit	Not Relevant to Tunnel Contract	NO
70.					Provide the Guide Wall details of Entry/Exit and also provide the D-wall details of the entry Exit	Not Relevant to Tunnel Contract	NO
71.					Please clarify the design scope for the bid	a) Clarified that for Works completed, the design responsibility lies with CMRL b) For Works that are not completed but designs / drawings available, they are to be checked and executed by Contractor. The Contractor is responsible for the correctness of the Design c) For Works that are not completed and designs / drawings not available, they are to be designed, checked by LDC and got approved by CMRL/GC before execution.	NO
72.					Confirm the requirements of tension piles	Not Relevant to Tunnel Contract	NO

73.					Please provide the plunge column details which are permanent and temporary	Not Relevant to Tunnel Contract	NO
74.					provide the details of cross passages & construction status	<p>Query Related to Tunnel Contractor.</p> <p>a) Out of 11Nos cross-Passages, Ground treatment has been done for 5 CPs. However the condition/Quality of Ground Treatment may be checked by the contractor and any additional / corrective works that are required are to be carried out by the contractor.</p> <p>b) For balance 6Nos cross passages, Ground Treatment is the responsibility of the contractor.</p> <p>c) The Contractor has to plan for grouting operations from inside the Tunnel in case it is not possible to do it from Ground Level.</p>	NO

75.					Types and details of tunnel lining segments and pre-casting status	<p>Query Related to Tunnel Contractor.</p> <p>a) CMRL clarified that, the segment rings can be collected free of cost from the casting yard at Muthukadu.</p> <p>b) The transportation from casting yard to site and the consumables like bolts, EPDM gaskets and Hydrophilic gaskets etc are to be arranged by the contractor on their own.</p> <p>c) However, CMRL reserves the right to ask the contractor to manufacture the Segment rings at Muthukadu casting yard at any point of time, when required.</p> <p>d) The casting yard facility can be utilised by the contractor. However, the required materials, operation and maintenance of the casting yard are to be taken care by the contractor on their own and the contractor shall be paid for each ring at the rate of Rs 1,73,599/- (Rupees one Lakh Seventy Three Thousand Five Hundred and Ninty Nine Only) for Type-I(1.5m) Segment Ring and Rs 1,67,680/- (Rupees one Lakh Sixty Seven Thousand Six Hundred and Eighty Only) for Type-I (1.4m) segment ring. The above rate is inclusive of production cost, transportation of segments within the yard for curing etc., Quality assurance tests, Quality control tests, maintaining of safety standard inside the yard area, Maintenance of yard and all other costs which is required for production of rings and other activities.</p> <p>e) Addendum with this additional condition shall be issued.</p>	Yes
76.					Provide the approved design basis report & GIR	Approved DBR and GIR by the terminated contractor are available with CMRL. If required, interested Bidders can Approach CMRL with a letter to collect the same.	NO
77.	vol-2 section-7				Kindly share LEED related documents for all stations	Not Relevant to Tunnel Contract	NO
78.	refer vol-2 sec-6				Please share Acoustics details – Please provide the reverberation time calculation.	Not Relevant to Tunnel Contract	NO
79.	refer vol-2 sec-6				Kindly confirm if current design is as per NFPA -130 , since RCC and built form design is already frozen	Not Relevant to Tunnel Contract	No

80.					Kindly share approval related documents related to architecture eg – Heritage structures	Not Relevant to Tunnel Contract	NO
81.					concourse, platform , undercroft etc – do not show section lines	Not Relevant to Tunnel Contract	NO
82.					Over all station dimensions are missing in the plans	Not Relevant to Tunnel Contract	NO
83.					Entry structure drawings are not shared	Not Relevant to Tunnel Contract	NO
84.					Room dimensions are not shared for any stations	Not Relevant to Tunnel Contract	NO
85.	vol-2-section V1	4.15.2	Clause – Attachment – A2 list of finishing materials		Finishing materials specified in clause 4.15.2 – do not match specs provided in A.15.5 – attachment A5 – Specified finish materials eg – flooring is Granite or Kotah?	Not Relevant to Tunnel Contract	NO
86.	vol-2-section V1	A.15.5	Clause – Attachment – A2 list of finishing materials		A.15.5 – attachment A5 – Specified finish materials – Sr no – 4, generally warning strip is not required for stations with PSD . Kindly confirm	Not Relevant to Tunnel Contract	NO
87.	vol-2-section V1	A.15	Clause – Attachment – A2 list of finishing materials		Please provide Column cladding specifications as it is not provided in tender document	Not Relevant to Tunnel Contract	No
88.	vol-2-section V1				Please provide specification for Skirting material as it is not provided in tender documents	Not Relevant to Tunnel Contract	NO
89.	vol-2-section V1	A.15.5			Please provide finishing for Lift portals , entry portals	Not Relevant to Tunnel Contract	NO
90.	vol-2-section V1	4.9	Corridor for the Handicapped		Please provide Counter heights in TOM and EFO for handicapped passengers as it is not mentioned.	Not Relevant to Tunnel Contract	NO
91.	1	C5.1	Preliminary Design Submission	(a) General – Deleted (b) For any new structures preliminary design can be discussed and finalized before submission of Definitive design	(a) In general Preliminary design is deleted then, will ER share MEP Drawings (CAD), Documents, Calculations (xls, doc), LEED DOCUMENT, comments & RFI's. As we presume that the previous contractor has done the preliminary design and will be shared. (b) To what extent the new structure will come can we get any outline before we quote the job.	Not Relevant to Tunnel Contract	NO

92.	1	C5.2	Detailed Design Submission	-	(a) Can we get earlier contractor submitted & Approved Detailed design MEP Drawings(CAD), Documents, Calculations(xls, doc), LEED DOCUMENT, comments & RFI's. As we presume that the previous contractor has done the detailed design and will be shared.	Not Relevant to Tunnel Contract	NO
93.	1	C5	Design Submission	-	Since some of the works (cable containment/ plumbing/firefighting) works been partly executed already at some station, will that be valid or do we need to redesign on those parts and resubmit the detailed and construction reference drawings.	Not Relevant to Tunnel Contract	NO
94.					Please clarify whether do we need to adopt the same cable containment/pipes materials/ earth strips manufacturer (which is already partly executed by previous contractor) for future execution or can we propose new manufacturer. If same manufacturer to be followed do we need to again conduct Factory acceptance test. Also can we use the available MEP materials (cable trays, drainage pipes, firefighting pipes) lying at some of the station site and if yes how to account during bidding process.	Not Relevant to Tunnel Contract	NO
95.	2	5.4.3.9 (g)	Clean Earth	Clean Earthing for PLC system and Main Earthing for PLC panels to be provided	Kindly clarify , can we have one clean earthing system for S&T(ASA-01) and M&E SCADA PLC systems.	Not Relevant to Tunnel Contract	NO
96.	3	4.4.11.4.1	Earthing system	MATERIAL SPECIFICATION	We understand that in other packages of CMRL, GI strip been used by station as well as interface contractors, can we propose GI strip instead of copper, kindly clarify.	Not Relevant to Tunnel Contract	Yes
97.	2	Annexure-3 & 4	Space Proofing and Specific Room Requirements	Space Proofing and Specific Room Requirements	As per Annexure 3 & 4 some design specifications for E&M services have been mentioned, kindly clarify do we need to follow that or should we follow volume-2, section-5 & volume-3 section-4.what is the order of precedence to be followed.	Not Relevant to Tunnel Contract	NO

98.				General	As per TNFRSD we need to provide fire sprinklers in public lobby/corridors, should we adopt the same. We understand in other packages it has not been provided. Please clarify.	Not Relevant to Tunnel Contract	NO
99.	1	B-15 (3)	Application for utility connection	The contractor shall submit applications for permanent connections for utility services	We understand that we shall submit only the necessary applications to the statutory authorities and the necessary fees and payments shall be made by CMRL, kindly confirm.	Not Relevant to Tunnel Contract	NO
100.				General earth Mat	For partly completed stations, below the undercroft, we understand that earth mats have been designed and executed for by the previous contractor. Please provide legible drawings.	Not Relevant to Tunnel Contract	NO
101.				General Interface	As this is partly executed package by previous contractor, we presume that the CCF's for interface is finalized, should we follow the same, kindly clarify Kindly share the signed CCF documents	Available information shall be shared with the successful bidder.	NO