RAILTEL CORPORATION OF INDIA LIMITED (A Govt. of India Undertaking)

OPEN TENDER DOCUMENT

FOR

"APPOINTMENT OF PROJECT MANAGEMENT CONSULTANT
(PMC) TO PROVIDE ARCHITECTURAL AND CONSULTANCY
SERVICES FOR CONSTRUCTION OF SINGLE ROOM &
DOUBLE ROOM MASONRY BUILDINGS (BRICK
STRUCTURE) AT VARIOUS RAILWAY STATIONS FOR
NORTHERN REGION OF RAILTEL"

RAILTEL

A Government of India Undertaking

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Dated: 18.12.2017

RailTel Corporation of India Limited (A Govt of India Enterprise) Regional Office: 6th floor, Block-III, Delhi IT Park, Shastri Park, Delhi-110 053

OPEN TENDER NOTICE

Tender No. RailTel/OT/NR/PMC/2017-18/21

Executive Director, RailTel Corporation of India Limited, Northern Region, Delhi, invites the sealed Open Tenders in "single packet" system from established contractors with proven experience for the work of "Appointment of Project Management Consultant (PMC) to provide Architectural and Consultancy Services for Construction of Single Room & Double Room Masonry Buildings (Brick Structure) at various Railway Stations for Northern Region of RailTel."

From 19.12.2017 to 17.01.2018 (From 11:00 Hrs to 17:00 Hrs)		
Up to 15:00 hrs on 18.01.2018		
At 15:00 hrs on 18.01.2018 (If the date of opening happens to be a		
holiday the tender will be opened on next working day at same time.)		
Rs. 24,53,901/-		
Rs. 50,000/-		
Valid till completion of the Project		
90 days from the date of opening of tender.		
Rs. 5,900/- (Five Thousand Nine Hundred only) (incld. GST @18%)		
and Rs. 6,490/-(Six Thousand Four Hundred Ninety only) (incld.		
GST @18%), if required by post		
Tender Document may be obtained between 11:00 hrs to 17:00 hrs		
from 19.12.2017 to 17.01.2018 from the office of Executive Director,		
Northern Region, Delhi by paying the cost of tender document		
through Bank Draft in favour of "RailTel Corporation of India		
Limted" payable at Delhi. RCIL shall not be responsible for late		
receipt of tender documents for any postal delay, if required by post.		

Tender Notice and Tender Document are also available on RailTel's website and can be downloaded from www.railtelindia.com. The cost of Tender document shall, however, have to be deposited along with tender bid in the form of Demand Draft as detailed above.

GM/Project For RailTel Corporation of India Ltd

Chapter I

OFFER LETTER

To,
RailTel Corporation of India Ltd.,
Northern Region,
6 th Floor, Block III,
Delhi IT Park, Shastri Park,
Delhi-110 053

have read the various conditions to tender attached here to and hereby agree to ABIDE BY THE SAID CONDITIONS. I/We also agree to keep this tender open for acceptance for a period of 90 days from the date fixed for opening the same and in default thereof, I/We will be liable for Forfeiture of my/our Earnest Money. I/We offer to execute the "Appointment of Project Management Consultant (PMC) to provide Architectural and Consultancy Services for Construction of Single Room & Double Room Masonry Buildings (Brick Structure) at various Railway Stations for Northern Region of RailTel" for RailTel/OT/NR/PMC/2017-18/21 dated 18.12.2017 for RailTel Corporation of India Limited at the rates quoted in the attached schedules and hereby bind myself/ourselves to provide the Architectural and Consultancy Services as per Work Order/acceptance letter. I/We also hereby agree to abide by the Various Conditions of Contract and to carry out the services according to the Scope of Work laid down by the Railtel for the present contract.

2. A sum of Rs. 50,000/- (Rupees Fifty Thousand only) as on Account Payee Demand Draft

2. A sum of **Rs. 50,000/- (Rupees Fifty Thousand only)** as on Account Payee Demand Draft No. ------- dt. ------issued by ------ is herewith forwarded as "Earnest Money". The full value of Earnest Money shall stand forfeited without prejudice to any other rights or remedies if, I/We withdraw or modify the offer within validity period or do not deposit the security deposit (Performance Bank Guarantee) within 7 days after receipt of orders to that effect.

Undertoking

SIGNATURE OF CONTRACTOR (S)

Date

CONTRACTOR (S) ADDRESS

SIGNATURE OF WITNESS

1.

2.

findio

Dated: 18.12.2017

Chapter II

SCHEDULE OF FEE (PRICE SCHEDULE)

No. RailTel/LT/NR/PMC/2017-18/21

Schedule of Fee:

SN	Name of Rly. Station	Territory	Qty
	Single Room		
1	Jalandhar, Beas, Amritsar, Dhariwal, Gurdaspur, Bharoli, Hiranagr, Jammu, Batala, Dausa, Rajpura, Solan, Jagadhri, Bareilly, Moradabad, Gajraula, Dhampur, Nazibabad, Saharanpur, Haridwar, Roorkee, Dehradun, Jind, Mansa, Bhatinda, Sirhind, Dhuri, Sunam, Malerkotla, Jhakhal, Jagraon, Phoswara, Rohtak, Moga, Makhu, Sonipat, Karnal, Kurukshetra, Morinda, Anantnag, Srinagar, Banihal, Baramulla, Katra, Kapurthala	Chandigarh	45
2	Kosi, Palwal, Dholpur, Raja Ki Mandi, Tundla, Pora, Khurja, Muzaffar Nagar, Muradnagar, Hapur, Gwalior, Dabra, Lalitpur, Faridabad, Okhla, Tughlakabad, Bulandshahr, Idgah, Fatehpur Sikri	Delhi	19
3	Alwar, Mahendergarh, Loharu, Churu, Ratangarh, Kolayat, Sird, Phalodi, Osian, Luni, Bandikui, Dosa, Ringas, Beawar, Chandawal, Pali, Falna, Sirohi Road, Abu Road, Dhirera, Mahajan, Suratgarh, Hanumangarh, Mandi Dabwali, Makrana, Jaisalmer, Shri Bhadriya Lathi, Ramdeora, Sujangarh, Didwana, Degana, Merta Road, Pipar Road, Bhildi, Dhanera, Malwara, Modran, Bishangarh, Samdari	Jaipur	39
4	Amethi, Gonda, Hardoi, Jaunpur, Mau, Partapgarh, Raebarelli, Shajahanpur, Shankergarh, ShriKrishna Nagar, Sultanpur, Gyanpur, Ghazipur, Phephna, Sarayan, Sitapur, Shahganj, Azamgarh, Mankapur, Ayodhya, Thawe, Pokhrayan, Orai, Moth	Lucknow	24
	Sub Total		127
1	Double Room Firozpur	Chandigarh	1
2	Ghaziabad, Meerut, Jhansi, Agra Fort, Mathura, Aligarh	Delhi	6
3	Jaipur/MW, Jodhpur, Bikaner	Jaipur	3
4	Allahabad, Kanpur, Varanasi	Lucknow	3
	Sub Total		13
	Total Rooms		140
	Total Estimated Cost of the Project		cr

Tenderer's offer.: I/We hereby offer to do the	work of providing professional services and works
defined in tender document covering the above	e sections with fee chargeable @ % of the estimated
cost of PMS (Rs. 24,53,901/-) at	% above/below (in figures).
Umd	ertoking
	% above/below (in words)

CHAPTER III

Commercial Terms & Conditions

1. Eligibility Criteria, Offer letter and Validity of Offer

1.1 The firm should have executed at least one Similar PMC Services for one single work costing at least Rs. 6,95,51,085/-, or two PMC Services for two works costing at least Rs. 3,47,75,542/- each or 03 similar PMC Services for 3 works costing at least Rs. 2,31,83,695/- each in last three Financial Years & current Financial year.

The similar PMC Service means:

"Project Management Consultancy (PMC) to provide Architectural and Consultancy Services for construction of civil works involving civil, structural and finishing"

The bidder shall submit required documents in support of executing similar works/services.

- 1.2 The total contact amount received by the tenderer during the last three years should be a minimum of 150% of the advertised tender value of the work. (Last audit report from registered Chartered Accountant to be enclosed).
- 1.3 The bidder shall complete the offer letter and the price schedule furnished in the bid documents.
- 1.4 The offer should remain valid for a period of **90 days** from the date of opening.

2. Scope of Project Management Consultancy

- 2.1 Broadly, Masonry Buildings (single room/double rooms) are to be provided at various stations on different sections in respective Railways for housing SDH equipments and Power Plants etc. A total of 127 nos. of single room & 13 nos. of double room Masonry Buildings are to be constructed as per details given in the Schedule of Fee.
- 2.2 The proposed scope of work/services to be awarded to PMC firm is given in Chapter V.

3. Period of Consultancy:

Period of PMC firm shall be valid till completion of the Project.

4. Payment Terms

i) The fees shall be based on the contract value, adjusted retrospectively. Payment shall be made within 15 days on submission of bills and certification by RailTel's Engineer, subject to statutory deductions. The fees shall be paid on basis of estimated cost till the finalization of the contractor for execution of job.

- ii) The PMC shall be liable for Income Tax, Sales Taxes and/or any other taxes, toll, customs duty of any kind, fees, octroi, royality etc. in respect of the contract. The rates shall be firm irrespective of any variation in the prevailing rates of taxes, duties, levies, octroi etc.
- All payment due to the contractor shall be subject to deduction of Income Tax under Section 194 of the Income Tax Act as may be applicable. The RailTel shall, however, issue a certificate to the contractor for the Income tax as recovered from them.

5.1 Stages of Payment:

PMC will be paid fee for the services provided as per the following stages of work:-

Stages	% of Fees		
Stage-1: On submitting the final design	10% of the total fees payable.		
Incorporating the suggestions of RailTel	ALC: NO STATE OF THE PARTY OF T		
comprising of Plans, elevations, sections,	110		
perspective view and the revised cost estimates			
and approval thereof by RailTel.	III'		
Stage-2: On submitting Building Plans for	20% of the total fees payable less		
approval to respective Railways and after	payment already made.		
obtaining approval thereof (approval will be			
obtained by RailTel).			
Stage-3: On submitting basic working drawings	30% of the total fees payable less		
and details and detailed item wise cost estimates	payment already made.		
and approval thereof by RailTel.			
Stage-4: On submitting tender documents	40% of the total fees payable less		
comprising of detailed specifications, bill of	payment already made.		
quantities, tender drawings and RailTel/Railway			
standard terms & conditions sufficient for inviting			
bids from contractors and approval thereof by			
RailTel.	4504 6.1 4 4 1 6 11 1		
Stage-5: On award of job to the contractor	45% of the total fees payable less		
including technical and price evaluation of bids.	payments already made.		
Stage-6: On submission of complete set of all the	60% of the total fees less payment		
working drawings marked "Good for	already made.		
Construction" and details sufficient for execution	line II		
of work at site.	F-11-1200/ 4-1-1-11:		
Stage-7: During the course of construction of work at site.	Further 30% to be paid in		
work at site.	installments based on the gross		
A Governmento	value of job done certified in contractor's bills.		
Stage-8: On submission of "As build drawings"	Balance 10% payment making the		
and after obtaining completion certificate from RailTel authorities.	total equivalent to 100% of the fees		
Kan rei aumormes.	payable.		

6. QUANTUM OF WORK AND VARIATION IN QUANTITIES

- 6.1 The quantities quoted in the Schedule are not firm and may be varied at the time of awarding and during the currency of the contract.
- The quantity indicated in the Schedule of Requirements is the estimated quantities in respect of the work and may change depending on the detailed survey/system design. On this and other developments, the purchaser may exercise the option of increase / decrease of the quantity of items of Schedule of Requirements by plus 25% (Twenty five percent) or minus 25% (twenty five percent) of the value of the contract respectively either within the scope of the work.
- 6.3 The Contract value may vary within +25% / -25% of the grand total of Schedule of Requirements as included in the Letter of Acceptance to tenderer, In case of variation in quantities the contractor shall be bound to carry out the work at the rates agreed in the schedule up to the limit of +25% / -25% variation in the value of contract and shall not be entitled to any claim or any compensation whatsoever.
- Quantity variation beyond 25% will also be within the scope of the agreement. However, for the variation beyond +25% (a) for the first 15% increase in the quantity beyond 25% of agreemental value, the rates will have a reduction of 2% in the incremental value of the agreement. (b) and for the next 10% increase in the quantity, the rates will have an additional reduction of 2% in further incremental value of the agreement.
- 6.5 In case the execution of quantity is required to exceed +50% of the overall agreemental value, the rates shall be negotiated.
- Variation in quantities with in the sections tendered must be accepted by Tenderer as per clauses 6.1 to 6.5 above.

7. Performance Bank Guarantee (PBG)

The bidder is required to submit a Performance Bank Guarantee (PBG) within 7 days of issue of work order/awarding of contract/acceptance letter for 10 % of the value of the order and valid for a period of 4 months beyond closure of the contract towards satisfactory performance of contract. The PBG shall be returned after successful completion of contractual obligation. The Performa for PBG is given in Chapter IV (Form A). The PBG will be forfeited if the contract is terminated by the RailTel on account of bidder.

8. Statutory Obligations & Deduction

- 8.1 The PMC shall take insurance cover for his employees to cover the risk of accidental/death and payment of compensation under workmen compensation Act. Any cost(s) incurred by RailTel towards such compensation shall be recovered from bidder's account or otherwise.
- 8.2 Statutory deductions will be made at source as per the rules prevalent in the area of work.

9. Award of Contract

The RailTel shall consider awarding of contract on those bidder whose offers have been found technically and commercially acceptable and are lowest. The issue of work order/awarding of contract/acceptance letter of the offer shall constitute the award of contract on the bidder.

10. Splitting of Order

Deleted.

11. RailTel's Right to accept any Bid and to reject any or all Bids

The RailTel reserves the right to accept or reject any Bid and to annul the bidding process and reject all bids, at any time prior to award of contract without any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders on the grounds for the RailTel's action.

12. BID PRICES, Taxes & Duties

- 12.1 The bidder shall give the total composite price inclusive of all levies and taxes, packing, forwarding, freight and insurance etc. The price shall be firm in Indian Rupees and FOR Destination.
- 12.2 The price quoted by the bidder shall remain fixed during the entire period of contract and shall not be subject to variation on any account.

13. Clause wise Compliance

Clause wise compliance statement of the Scope of Project Management Consultancy and Commercial Terms & Conditions shall be enclosed with the offer along with other documents in support of relevant clauses.

14. Force Majeure

Force majeure shall mean -

- War, hostilities (whether war be declared or not), invasion, act of foreign enemies.
- Rebellion, revolution, insurrection or military or usurped power, or civil war.
- Ionizing radiation, or contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio active toxic explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof.
- Presume waves caused by aircraft or other aerial devices traveling at sonic or supersonic speeds.
- Riot, commotion or disorder, unless solely restricted to employees of the Contractor or of his Subcontractors and arising from the conduct of the works.
- Loss or damage due to the use or occupation by the Employer of any section or part of the permanent works, except as may be provided for in the contract.

- Loss or damage due to the extent that it is due to the design of the works, other than any part of the design provided by the contractor or for which the contractor is responsible, and
- Any operation of the forces of nature against which an experienced contractor could not reasonably have been expected to take precautions.

15. Settlement of Disputes and Arbitration

15.1 With Private parties:

- 15.1.1 Any dispute or difference whatsoever arising between the parties out of or relating to the construction, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be settled by a sole arbitrator in accordance with provisions contained in Arbitration and Conciliation Act, 1996 as amended and the award made in pursuance thereof shall be binding on the parties. The venue of such arbitration or proceedings thereof shall be New Delhi. Arbitrator shall be appointed by Managing Director, RailTel Corporation of India Limited.
- 15.1.2 Each of the parties agree that not withstanding that the matter may be referred to Arbitrator as provided herein, the parties shall nevertheless pending the resolution of the controversy or disagreement continue to fulfil their obligation under this Agreement so far as they are reasonably able to do so.
- 15.2 Arbitration with CPSE / Govt Department / Govt Organisation.
- 15.2.1 In the event of any dispute or difference relating to the interpretation and application of the provisions of the contracts, such dispute or difference shall be referred by either party for Arbitration to the sole Arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The Arbitration and Conciliation Act, 1996 shall not be applicable to arbitration under this clause. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law & Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary/Additional Secretary when so authorized by the Law Secretary, whose decision shall bind the Parties finally and conclusively. The Parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator.

16. **Governing Laws**

This contract shall be interpreted in accordance with the laws of India. The courts at New Delhi shall have exclusive jurisdiction to entertain and try all matters arising out of this contract.

17. **Recourse**

The RailTel shall have recourse to claim from the PMC for any costs, claims, demands, proceedings, damages and expenses whatsoever arising out of or in connection with any failure of the PMC to perform any of his obligations under the terms of contract.

18. **Termination for Default**

The RailTel may without prejudice to any other remedy for breach of contract, by written notice of default, sent to the bidder, terminate this contract in whole or in part.

- a) If the bidder fails to comply any or all of the services within the time period(s) specified in the contract.
- b) If the bidder fails to perform any other obligation(s) under the contract;

In the event the RailTel terminates the contract in whole or in part, the RailTel may proceed, upon such terms and in such manner as it deems appropriate.

19. **Termination for Insolvency**

The RailTel may at any time terminate the contract by giving written notice to the bidder, without compensation to the bidder, if the bidder becomes bankrupt or otherwise insolvent as declared by the competent court provided that such termination will not prejudice or affect to the RailTel.

20. Submission of Tender Bid (Single Packet System):

20.1 The envelope shall be addressed to the RailTel at the following address:

Executive Director/Northern Region, RailTel Corporation of India Ltd., 6th Floor, Block III, Delhi IT Park, Shastri Park, Delhi-110053.

- 20.2 Earnest Money Deposit (EMD) equal to Rs 50,000/- (Rupees Fifty Thousand Only) in the form of Account Payee Bank Draft in favour of RailTel Corporation of India Limited, payable at New Delhi, should be enclosed with the tender bid. The envelope containing the bid should be sealed by the personal seal of the bidder. Each and every page of the bid should be numbered and signed by authorized representative of the firm. Power of attorney in favour of the signatory duly authorizing the signatory shall be enclosed with the bid.
- 20.2.1 The successful bidder's bid EMD will be discharged upon the bidder's acceptance of the work order/award of contract/acceptance letter satisfactorily and furnishing the performance bank guarantee in accordance with **clause 7**.
- 20.2.2 Tenders not accompanied by Earnest money shall be summarily rejected.
 - 20.3 The Tender document issued by RailTel should be signed on each page along with stamp of the company/Firm and should be submitted along with bid.
 - 20.4 The envelope shall bear name of the Tender, the tender no. and the words "DO NOT OPEN BEFORE" (due date).

20.5 Bid should be delivered to the above address so as to reach up to **15:00 hours** of **18.01.2018** The bids shall be opened at **15:00** hours on the same day in the above office in the presence of those representative of the bidders who choose to be present. Bids received after due date and time shall be summarily rejected and shall not be opened. If the above said date happens to be a holiday the same shall be done on the next working day.



Chapter IV

FORM-A

PROFORMA FOR PERFORMANCE BANK GURANTEE

(On Stamp Paper of requisite value)
(To be used by approved Scheduled Banks)

1. In consideration of the RailTel Corporation of India Limited, registered & regional
office at 6 th Floor, Block III, Delhi IT Park, Shastri Park, Delhi- 110053 (hereinafter called
"the RailTel") having agreed to exempt (M/s. Party Name and
Address) (hereinafter called
"the said Contractor(s)") from the demand, under the terms and conditions of an Agreement
No
called "the said Agreement") of Security Deposit for the due fulfillment by the said
contractor)s) of the terms and conditions contained in the said Agreement, or production of a
Bank Guarantee for Rs (Rs Only). We, (Bank
Name and Address) hereinafter referred to as "the Bank") at the request of
Contractor(s) do hereby undertake to pay the RailTel an amount not exceeding Rs.
Against any loss or damage caused to or suffered or would be caused to or
suffered by the RailTel by reason of any breach by the said Contractor(s) of any of the terms
or conditions contained in the said WO/Agreement.
2. We, Bank (Bank Name
and Address) do hereby undertake to pay the amount due and payable under this Guarantee
without any demur, merely on demand from the RailTel stating that the amount is claimed is
due by way of loss or damage caused to or would be caused to or suffered by the RailTel by
reason of breach by the said Contractor(s) of any of terms or conditions contained in the said
Agreement or by reason of the Contractor(s) failure to perform the said WO/Agreement.
Any such demand made on the Bank shall be conclusive as regards the amount due and
payable by the Bank under this guarantee. However, our liability under this guarantee shall
be restricted to an amount not exceeding Rs
3. We, Bank (Bank Name and Address)
undertake to pay to the RailTel any money so demanded notwithstanding any dispute or
disputes raised by the Contractor(s) in any suit or proceedings pending before any court or
Tribunal relating thereto our liability under this present being, absolute and unequivocal.
The Payment so made by us under this Bond shall be a valid discharge of our liability for
payment thereunder and the Contractor(s) shall have no claim against us for making such
payment.
4. We,
agree that the Guarantee herein contained shall remain in full force and effect during the
period that would be taken for the performance of the said WO/Agreement and that it shall
continue to be enforceable till all the dues of the RailTel under or by virtue of the said
Agreement have been fully paid and its claims satisfied or discharged or till RailTel certifies
that the terms and conditions of the said Agreement have been fully and properly carried out
by the said Contractor(s) and accordingly discharges this Guarantee. Unless a demand or
claim under the Guarantee is made on us in writing on or before the

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STATEMENT OF DEVIATIONS

(PROFORMA FOR STATEMENT OF DEVIATIONS)

1. The following are the particulars of deviations from requirements of the conditions of Contract

Commercial Terms & Conditions (Chapter -III)

Clause Deviation

Remarks (Including Justification)

2. The following are the particulars of deviations from requirements of the Scope of Project Management Consultancy (Chapter -V)

Chapter

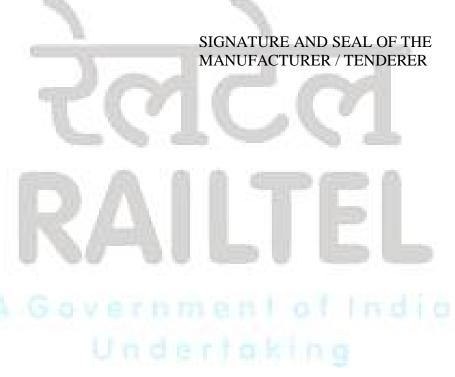
Clause

Deviation

Remarks

(Including Justification)

<u>Note:</u> Where there is no deviation, the statement should be returned duly signed with an endorsement indicating "**no deviations**".



AGREEMENT

(CA No.
)
This AGREEMENT is made at Delhi on thisday of two thousand and Nine by and between RailTel Corporation of India Limited (A Govt. of India Undertaking) having its Registered & Regional office at 6 th Floor, Block-III, Delhi IT Park, Shastri Park, Delhi-110053, acting in the premises through ED/Northern Region (hereinafter referred to as 'RailTel', which expression should unless repugnant to the context or meaning thereof include its successors and permitted assigns) of the one part;
Andhaving its registered office at
Whereas in response to a call for Tender by RailTel for the work of
"" for RailTel Corporation of India Limited as per tender papers at Annexure 'A' read with Corrigendum issued by RailTel hereto, the Contractor has submitted a Tender as per Annexure 'B' hereto AND WHEREAS the said Tender of the Contractor has been accepted for the work of
"" for RailTel Corporation of India Limited as per copy of Letter of Acceptance of Tender No dated complete with enclosures at the accepted rates and agreed deviations from tender papers as per Annexure-C hereto at contract value of
Rs Only) duly accepted by the
contractor.
Now this agreement witnesses that in consideration of the premises and the payment to be made by the Purchaser (RailTel) to the Contractor provided for herein, the Contractor shall supply all equipment and materials and execute and perform all works for which the said Tender of the Contractor has been accepted strictly according to the various provisions in Annexure 'B' and 'C' hereto and upon such supply, execute and performance to the satisfaction of the purchaser (RailTel) and the purchaser (RailTel) shall pay to the Contractor at the rates accepted as per the said Annexure 'C' and in terms of the provisions therein.
IN WITNESS whereof both the parties have hereunto set and subscribed their respective hands and/or seals on the day and year respectively mentioned against their respective signatures.
Signed and delivered by Shri for and on behalf of RailTel Corporation of India Ltd.

The co	ontract within named in the presence of:	
1.	Signatures Date Name in Block Capitals Address:	
2.	Signatures Date Name in Block Capitals Address:	
Signed	l and delivered by Shri for and on behalf	of
The co	ontractor within named in the presence of :	
1.	Signatures Date Name in Block Capitals Address:	
2.	Signature Date Name in Block Capitals Address:	
	Annexure 'A' Annexure 'B' Annexure 'C' Annexure 'D' :Tender Paper No with corrigendum, if any. :Firm's offer. :Letter of Acceptance No with all enclosures. :Copy of Contract Performance Guarantee	



Chapter V

Scope of Project Management Consultancy:

1.1 Scope of Work/Services:

The scope of work proposed to be awarded to PMC shall include providing "Architectural and Consultancy Services for construction of 127 nos. of Single Storey Room & 13 nos. of Double Storey Room Masonry Buildings at various stations on various sections as per Schedule of fee.

Project Management Consultant shall provide the professional services i.e. basic design of the buildings, detailed engineering design and supervision, bill verification etc. in the following areas:-

- Architectural Design and site development.
- Structural Design: The structural design is included in scope of work. However, RailTel/Railway reserves the option to get the design checked by another reputed structural for the purpose and shall extend full cooperation for getting the same checked. Therefore, the PMC shall provide all the documents (design parameters adopted, structural analysis, Member Design, Design calculation, structural designs etc.) as required to check the design. The checking of design by the third party would not absolve the PMC of his responsibility for accuracy and soundness of design.
- Electrical design including general illumination, exhaust/ventilation etc.
- Project Management Services (PMS).

1.2 Schedule of Professional Services:

The services to be provided by the PMC shall include but not be limited to the followings:-

- i) Incorporating the suggestions and requirements of RailTel/Railway and finalizing the concept design prepared at the stage of design completion and submission of the revised cost estimates.
- ii) Prepare report on site evaluation, state of existing buildings, if any; and analysis and impact of existing and/ or proposed development on its immediate surroundings.
- iii) Prepare drawings and documents to enable the RailTel to obtain requisite approval from respective Railways.

- iv) Furnish, report on measures required to be taken to mitigate the adverse impact, if any, of the existing and/or proposed development on its immediate environs.
- v) Prepare drawing (Building Plans) necessary for statutory approvals and ensure compliance with RailTel authority Bye-laws, codes, standards and legislation, as applicable and obtain the statutory approvals thereof. Effective follow-up and liasioning with RailTel/Railway to obta in early sanctions.
- vi) Preparation of Tender Document comprising of, bill of quantities (SOR), detailed specifications, approved makes of materials, tender drawings, RailTel/Railway standard terms & conditions, detailed item-wise cost estimate based on latest rates with permissible escalation for scheduled items and market rates for non-scheduled items for the purpose of inviting Open Tender for selection of contractor.
- vii) Evaluation and analysis of technical as well as price bids of the contractors including making comparative statements, comparing the offers with the detailed estimated cost, attending techno-commercial discussion/pre-bid discussions, responding to the queries of contractors and advise RailTel on appointment of contractors.
- viii) Preparation of detailed working drawings and details comprising of Architectural, Civil, Structural and Utility and Services to be issued to the Contractor and Vendors, adequate and good for execution to work at site. The drawings shall be marked "Good for Construction".
- ix) Attending meetings in RailTel/Railway offices as and when required in connection with the work.
- visit the site of work to inspect and evaluate the Construction Works, provide periodic supervision and where necessary clarify and decision, offer interpretation of the drawings/specifications, and attend conferences and meting to ensure that the project proceeds generally in accordance with the conditions of contract and keep the RailTel informed and render advice on actions, if required. The visits to the site shall be at least once a week.
- xi) Monitoring and checking the performance of the Contractor as per schedule. Verification of contractor's bills for payment including examining and verifying the rate analysis for extra/substituted items.
- xii) Getting the work inspected at any level as required by the RailTel/Railway authority.

- xiii) Prepare and submit completion reports and drawings for the project as required and obtain "Completion/ Occupancy Certificate" from Railway/RailTel authorities.
- xiv) Preparation and submission of drawings including services and structures.

1.3 <u>Day-to Day Supervision:</u>

The PMC shall appoint a Civil Engineer for day-to-day supervision of work at site who will be deputed at site from start of work at site till the handing over of building including verification of final bill of contractors. The Engineers shall be a degree/diploma holder in the respective discipline with requisite post qualification experience. The fees of the PMC shall include the salary and expenses of site staff.

The scope of his services shall include but not be limited to the following:

- Guiding contractor in execution of job as per drawings and specifications.
- Ensuring that the quality of work done is as per specifications and drawings.
- Checking the bar-chart/PERT chart prepared by the contractor and up dated it from time to time.
- Organizing the Site meetings as per agreed schedule and preparation of minutes of meetings and circulating the same to the concerned parties.
- Maintaining requisite site records.
- Carrying out site tests of materials and recording test results, coordinate testing of
 materials and recording test results, Coordinate testing of materials form approved
 lab.
- Carrying out joint measurements of works with the contractor and processing bills of contractor for payments.
- Maintaining coordination among contractor, PMC and RailTel.
- Assisting RAILTEL's Engineer to carry out Test Checks to measurements verified by the concerned RailTel Executive/Managers.
- Periodically showing the Site Records to RailTel/Railway Engineer for their verification.

PMC shall furnish the Bio-Data of Engineer for the approval of RailTel before deputing him at site. Additionally, the RailTel may ask the PMC to replace the Engineer in case his performance has not been found to be up to the mark and the PMC shall immediately act on it.

<u>Note:</u> Verification of quality of work and measurements by RailTel Engineer would not absolve the PMC of his responsibility towards quality of work and correctness of measurements and bills.

1.4 Drawings and Documents to be supplied by PMC:

The PMC shall supply the following quantities of drawings:

- 1.4.1 3 Sets of all the Drawings and Details for reference and record of RailTel.
- 1.4.2 6 Sets of all the working drawings marked "Good for Construction" and details (2 set each to the contractor, RailTel and PMC's Engineer at site for execution of work at site).
- 1.4.3 2 Sets of 'As Built Drawings "for reference and records of RailTel".
- 1.4.4 15 sets of tender documents along with drawings for inviting offers from contractors. Tender document in softcopy shall also be made available.
- 1.4.5 3 Sets of contract documents between RailTel and Contractor.
- 1.4.6 Original building plans sanctioned by Railtel.
- 1.4.7 Original Completion/Occupancy Certificate issued by RailTel.
- 1.4.8 One complete set of transparencies of all the drawings and details.
- 1.4.9 CD of drawings.

1.5 Size of Drawings:

The submission of building plans shall be made to the scale and size specified by the RailTel. Other drawings shall be of A2 or bigger size except for a single detail, which may be on A3, or bigger size.



