INDIAN RAILWAY WELFARE ORGANISATION

1

CONTRACT DOCUMENTS

FOR

SPECIAL REPAIR TO BOUNDARY WALL, R.C.C. TANKS, SEWERAGE MANHOLES ETC. AT RHR, IRWO SOCIETY,

SECTOR-10, SONEPAT

RAILWAY COMPLEX (BEHIND SHANKER MARKET) SHIVAJI BRIDGE, NEW DELHI Phone No.011-23413627, Fax No.011-23411173

INDIAN RAILWAY WELFARE ORGANISATION

TENDER DOCUMENT

FOR

"SPECIAL REPAIR TO BOUNDARY WALL, R.C.C. TANKS, SEWERAGE MANHOLES ETC. AT RHR, IRWO SOCIETY, SECTOR-10, SONEPAT"

:

1. Employer

The Managing Director

Indian Railway Welfare Organisation

2.	Date of Issue	:	••••••
3.	Date of Receipt		
4.	Issued to	:	
	Mobile No.	. 1	

RAILWAY COMPLEX (BEHIND SHANKER MARKET) SHIVAJI BRIDGE, NEW DELHI Phone No.011-23413627, Fax No.011-23411173

INDIAN RAILWAY WELFARE ORGANISATION TENDER DOCUMENTS FOR

Special Repair to Boundary Wall, RCC Tanks, Sewerage Manholes etc at RHR, IRWO Society Sector 10 Sonepat.

Date of Issue :

Issued by

:

Cost of Tender Schedule Rs.500/- or Rs.550/- if required by post.

The Indian railway Welfare Organization Railway Office Complex Shivaji Bridge New Delhi-110001.

INDEX

SECTION	CONTENTS	PAGE NO.
1	NOTICE INVITING TENDERS (SECTION - 1)	2-5
2	INSTRUCTIONS TO TENDERERS (SECTION - 2)	6-11
3	DRAFT FORWARDING LETTER (SECTION - 3)	12-14
4	DRAFT OF AGREEMENT (SECTION - 4)	15-18
5	CONDITIONS OF CONTRACT (SECTION - 5)	19-33
6	TENDER SCHEDULE (SECTION -6)	34-36

NOTE – General condition of contract April 2015.

(Not Attached – To be purchased or down – loaded from IRWO)

SECTION - I NOTICE INVITING TENDERS (NIT)

Special Repair to Boundary Wall, RCC Tanks, Sewerage Manholes etc at RHR, IRWO Society Sector 10 Sonepat.

Sealed percentage rate tenders are invited in the prescribed from by the General Manager INDIAN RAILWAY WELFARE ORGANISATION, **Railway Office Complex** Shivaji Bridge New Delhi-110001

Tender Number	Name of Work	Estimated value (in Rs.)	Earnest money in Rs.	Time of Completion
IRWO/C/ 1	Special	29,83,584	45000	4Months
	Repair to			
	Boundary Wall,			
	RCC Tanks,			
	Sewerage			
	Manholes etc			
	at RHR, IRWO			
	Society Sector			
	10 Sonepat.			

1.2 The Tenderer may obtain Tender Document from from 11.00 hrs. to 16.00 hrs. (Monday to Friday) on payment of Rs.500/- (Rupees Five Hundred Only) (Non refundable) by Demand Draft and by post, on payment of Rs.550/-(Rupees Five Hundred Fifty only), as tender cost in favor of IRWO payable at New Delhi, the General Manager INDIAN RAILWAY WELFARE ORGANISATION, Railway Office Complex Shivaji Bridge New Delhi-110001

- 1.3 The Tenderer is required to deposit Rs.45000/- (Rupees Fourty five thousand Only) as Earnest Money in the form of Banker's Cheque / Bank Draft on New Delhi Branch of any Scheduled Bank in favor of Indian railway Welfare Organization. The tender which is not accompanied with Earnest Money shall be summarily rejected. The Earnest Money of unsuccessful tenderer(s) will be refunded to the Tenderer. If his tender is not accepted but without any interest / Bank commission / Collection charges within 60 (Sixty) days from the date of acceptance / finalization of the tender. The Earnest Money deposited shall be converted as initial security deposit in the case of successful tenderer.
- 1.4 Tender in prescribed form duly accompanied with Earnest Money should be submitted in a sealed cover Super Scribed with the name of the work in the mode specified below and must reach the office of the General Manager INDIAN RAILWAY WELFARE ORGANISATION, Railway Office Complex Shivaji Bridge New Delhi-110001, latest by 15.00 hrs. On 18/3/2019. IRWO shall not accept any loss or delay in transit as an excuse for Delayed / Late tender.
- 1.5 If a Tenderer does not quote Percentage Rate / Rates Above or Below the Rates shown in schedule in the format as specified in this Tender Document i.e. both in figures and words, the Offer will be treated as incomplete and summarily rejected.
- 1.6 "IF THE TENDERER(S) DELIBERATELY GIVES WRONG INFORMATION / CREDENTIALS / DOCUMENTS IN HIS / THEIR TENDERS AND THEREBY CREATE(S) CIRCUM-STANCES FOR ACCEPTANCE OF HIS / THEIR TENDER, IRWO RESERVES THE RIGHT TO SUMMARILY REJECT SUCH TENDER AT NAY STAGE, SHALL SUSPEND THE BUSINESS DEALING FOR ONE YEAR".
- 1.7 Mode of Submission of Tender the Tenderer(s) are required to submit Tender/ Offers in following manner.

(I) Separate envelop consisting of draft for EMD shall be attached on the top of the main cover which shall consist of Tender Conditions and schedule of quantities.

(ii) The envelop shall be marked to the General Manager INDIAN RAILWAY
 WELFARE ORGANISATION, Railway Office Complex Shivaji Bridge New Delhi 110001. The full Name and Address of the Tenderer and the Name of Work shall be written on the Cover and Sealed.

1.8 Mode of opening of Tender

The sealed envelope containing Earnest Money shall be opened first in the office of the General Manager INDIAN RAILWAY WELFARE ORGANISATION, **Railway Office Complex Shivaji Bridge New Delhi-110001at** 15.30 hours on 18/3/2019. Tender offer shall be opened only for those Tenderer whose Earnest money is found Specified.

- 1.9 The work as detailed in the tender shall be executed and completed in all respects within a period of 4 (Four Months) from the date of issue of the written order to commence the work in accordance with the tender documents.
- 1.10 Attention of the Tenderer is also invited to the following:
- Para 2.31 of IRWO's General Conditions of Contract April, 2015 With Amendment No. 1 dated 13.10.2015 (GCC) provides for Contractor's All risk Insurance Cover & Workmen Compensation Cover to be arranged by the contractor;
- (b) Special Conditions, Clause 5.4.0 which provides for Reimbursement / refund / Compensation on variation in price of material (s); and

- 1.11 The tender offer shall remain valid for a period of 90 (Ninety) days from the date of opening of tender.
- 1.12 In case a Tenderer withdraws his offer within the validity period of the tender, the Earnest Money deposited along with the tender shall stand forfeited.
- 1.13 Earnest money of the Successful tenderer shall be forfeited in the event of refusal or delay on his part in signing the Agreement within 15 days or refusal to start the work on instructions from the General Manager.
- 1.14 The Indian Railway Welfare Organization does not bind itself to the lowest or any tender and reserves to itself the right to accept or reject any or all the tenders either in whole or part without assigning any reasons for doing so or can bifurcate the work seeing the feasibility of execution / early completion of the project.
- 1.15 This schedule includes the instructions to Tendered schedule and special conditions, the Contract. The whole Tender Document shall be signed on each page by the Tenderer and returned along with the tender.
- 1.16 Tenderer should have completed at least one similar work costing not less than 10 (Ten) lac during last 3 years.

GM. Indian Railway Welfare Organization New Delhi.

SECTION - 2

INSTRUCTIONS TO TENDERERS

- 2.1 The Tenderer shall examine carefully all the Tender Documents consisting of:
- I. Notice Inviting Tenders
- ii. Instructions to Tenderers
- iii. Tenderers Forwarding Letter
- iv. Form of Agreement
- v. IROWs General Conditions of Contract April, 2015, with Amendment No. 1 dated 13.10.15. (This can be seen at IRWO web site.)
- vi. Conditions of contract.
- vii. Technical Specifications
- viii. Bill of Quantities
- ix. Tender Drawings

The Tenderer is advised to visit and inspect the site at his own cost and responsibility and to secure all necessary information which may be required for completing the work. Ignorance of site conditions or local information shall not be considered as an excuse for Non-Performance of the contract and No Claim or Compensation is payable on account of Lack of Site Information. All costs, charges and expenses that may be incurred by the Tenderer in connection with preparation of his tender shall be borne by him and IRWO will not accept any liability whatsoever in this regard.

- 2.2 The Tenderer is required to complete the work in all respects within 4(Four) Months from the date of issue of letter of intent / order and hand over the same complete in all respects to the satisfaction of the Employer.
- 2.3 The Tenderer shall use only the form issued with this tender to fill up the Percentage Rates Above or below the rates shown in schedule.
- 2.3.1 Every page of the tender shall be signed on the left hand side bottom corner and any tender not so complied with is liable to be treated as defective.

- 2.3.2 The tender form must be filled in English and all entries must be made by hand in ink. If any of the documents is missing, or unsigned, the tender is liable to be treated as defective tender.
- 2.3.3 Tenders not properly filled, mutilated with incorrect calculation or generally not complying with the conditions are liable to be rejected.
- 2.3.4 Any erasers and alternations made while filling the tender must be attested by initials of the Tenderer. Over-writing of figures is not permitted. Failure to comply with either of these conditions will render the tender liable for rejection.
- 2.4 A schedule of approximate quantities for various items accompanies this tender. It must be definitely and clearly understood that this schedule is liable to alteration by omissions, deductions, or additions to any extent at the discretion of IRWO without affecting the terms of the Contract.
- 2.4.1 It shall be clearly understood that the rates quoted in the tender are for complete work at site as per instructions to Tenderers. General and Special Conditions of Contract, Specifications, Schedule of Quantities referred to therein and also for all such works as are necessary for the proper completion of the contract although specific mentions may not have been made in the specifications, drawings or tender documents.
- 2.4.2 The tenderer should quote the Percentage rate above or below the rate shown the Percentage rate quoted by the Tenderer(s) should be expressed accurately both in words and figures, so that there is no discrepancy.
- 2.4.3 No alteration which is made by the Tenderer in the Notice Inviting Tender, Instructions to the Tenderer/s, Agreement Form, General and Special Conditions of Contract, Technical Specifications and drawings etc. accompanying the same shall be recognized and if any such alterations are made the tender is liable to be rejected.

- 2.5 The tender for the work shall remain open for acceptance for a period of 90 (Ninety) days from the date of opening of tender. If any Tenderer withdraws his offer before the said period or makes any modifications in the terms and conditions of the tender, then IRWO shall without prejudice to any other right or remedy, be at liberty to forfeit the Earnest Money of the Tenderer.
- 2.6 Canvassing in connection with the tender are strictly prohibited and the tenders submitted the Tenderer who resort to canvassing will be liable to rejection.
- 2.7 **Taxes:**
- 2.7.1 Introduction of G.S.T.:- Following details have been added.
- 2.7.1.1The Goods & Service Tax (GST) has been made applicable in India with effect from 01.07.2017. The Tenderers should quote their rates considering the implementation of GST for works contract and input credit to be availed on the materials procured and services received by him, for execution of the contract. Input credit will be retained by the tenderer, this may be kept in consideration while quoting the rates.
- 2.7.1.2The GST amount shall be paid as extra to be the tenderers as per provisions of GST Act from time to time.
- 2.7.1.3 The tenderer shall be registered with GST.
- 2.7.2 Any new Tax or any increase in the rate of levies / taxes levied on the finished work introduced by Central or Sate Government or by any local authorities after the opening of the tender, shall be reimbursed to the Contractor only on production of certificates from concerned authorities with authenticated documents to the fact that the same has already been deposited by the Contractor. Similarly, if there is any Government Legislation after the date of opening of Tender, the same shall be reimbursed to Contractor on production of authenticated documentary evidence to the fact that the same has been deposited by the Contractor.

Any abolition of Tax or decrease in rates of levies / taxed on the finished work introduced by Central or State Government or by any local authorities after the opening of the tender, shall be recovered by IRWO from running / on-account bills of the contractor.

2.7.3 Labor Cess

). For compliance of the Act, the Tenderer shall be required to pay Cess @ 1% (One Percent) of cost of construction, which is to be deducted from each bill. Cost of material shall be outside the purview of Cess, when supplied under a separate Schedule Item.

- 2.8 The Contractor's operations and proceeding in connection with the work shall at all time be conducted during the continuance of the contract in accordance with the laws, ordinances, rules and regulations for the time being in force and the contractors shall further observe and comply with the bye-laws and regulations of the Government of India. State government and Municipal and other authorities having jurisdiction over the area involved in connection with the works or site and over operations such as those as carried out by the contractors and shall give all notices required by such bye-laws and regulations.
- 2.9 The Agreement for this acceptance shall be executed on a Non-judicial stamp paper of requisite value for which the stamp duty shall be borne by the Contractor.
- 2.10 Tenders containing conditions are liable to be rejected.
- 2.11 Deduction towards Income Tax, or any other Tax as per rules shall be made by IRWO from the Contractor's Bills.
- 2.12 List of documents to be submitted with the Tender Tender with earnest money in sealed cover Registration with GST

- 2.13 Tenderer is not permitted to give alternative Offers with reduced / increased duration of the project.
- 2.14 The successful Tenderer will be notified about the acceptance of his tender by the Employer in duplicate and the Agreement should normally be signed within 15 (Fifteen) days of being advised. Letter of Acceptance and its cknowledgement will be a binding Contract.
- 2.15 The successful Tenderer shall have to furnish the Performance guarantee in terms of Clause 2.22 of IRWOs General Conditions of Contract – with Amendment No. 1 dated 13.10.2015, in the format attached as Annexure 'G' therein, with 15 days from the date of issue of LOA. In case of failure to submit P.G. the Earnest money shall be forfeited without any correspondence.

- 2.16 If any ambiguity is found in Percentage rate quoted in Words and Figures, rate mentioned in Words shall be applicable.
- 2.17 Contract Agreement will be governed by IRWOs General Conditions of Contract, April, 2015 with Amendment No. 1 dated 13.10.2015. This is not Annexed with the Tender Document and is availability on sale at IRWOs Corporate Office or can be down loaded free from IRWO website http://www.irwo.net.
- 2.18 The work shall be executed as per CPWD Specifications for Civil In addition; various norms laid down by Bureau of Indian Standards (BIS) will also be followed.

SECTION - 3 DRAFT FORWARDING LETTER

FROM

M/s._____

То

General Manager Indian Railway Welfare Organization Railway Office Complex .New Delhi 110001

Tender for:

Ref : Special Repair to Boundary Wall, RCC Tanks, Sewerage Manholes etc at RHR, IRWO Society Sector 10 Sonepat.

Dear Sir,

With reference to the tender invited by you. I/We here by officer to perform, provide, execute and complete the works in Conformity with the Conditions of Contract, Drawings and specifications for the respective Items of Schedule of Quantities attached hereto.

 I/we have satisfied myself/ourselves as to the location and prevailing conditions of the site, and have read carefully the tender booklets containing Articles of Agreement, Conditions of Contract, Specifications, General Conditions of Contract, April 2015 with Amendment No. 1 dated 13.10.2015 and Special Conditions, technical Specifications, Drawings etc. and I/we understand that the works are to be completed within (Four) months from the date of issue of letter of intent/Order and fully understand that the time will be the essence of the contract.

- 3. I/we agree to keep the offer open for 90 (Ninety) days from the date of opening of the tender.

understand that this amount will not bear any interest.

- 4. Should this tender be accepted in whole or in part, I/we Hereby agree to abide by and fulfill all the terms and conditions annexed hereto. If I/we Fail to commence the work specified in tender documents, I/we agree that my/our Earnest Money shall stand forfeited absolutely to the Employer, otherwise the said Earnest Money shall be retained by the Employer towards Security Deposit (retention Money). I/we also agree to the balance security money being deducted from my/our bills in accordance with the conditions of contract.
- 5. All the terms and conditions contained in the Notice Inviting Tenders, General and Special conditions of Contract. Specifications for execution of work and additional conditions and the Agreement etc. constituting the tender documents have been fully read by me/us and explained to me/us and I/we hereby accept the same and sign hereunder in token of their acceptance.

- 6. We are further enclosing herewith the following documents.
 - (a) Tender documents duly signed.
 - (b) Registration with GST.

(c) Demand Draft No	dated	drawn
on	for Rs	(Rupees
	only)	
(d) Name of proprietor/Partners/Di	ectors of the Firm	
	Yours faith	fully,
Date	Name & Signature	e of Tenderer(s)
	Officer-stamp & Seal of t	he tenderer (s)
	M/s	
Witness :		
Address		
Occupation	_	

SECTION - 4 DRAFT OF AGREEMENT

Articles of agreement made this day______ of 2019 between Indian Railway Welfare Organization, registered under the societies Act XXI of 1860 and having its registered office at Railway Complex, (Behind Shankar Market), Shivaji Bridege. New Delhi – 110 001 (hereinafter referred to as "IRWO" which expression shall unless it be repugnant to the context or meaning thereof, be deemed to mean and include its successor in office, executor, administrator, assignees) of the one part.

AND

M/s. ______ having their office at ______ herein after referred to as "CONTRACOTOR" which expression shall unless it be repugnant to the context or meaning thereof, be deemed to mean and include its successor in office, executor administrator, assignees) of the other part.

IRWO and **CONTRACTOR** are hereinafter individually referred to as **"PARTY"** and collectively as **"PARTIES"**

WHEREAS :

Ш The contractor has been furnished the building Drawings and Specifications duly prepared by IRWO, describing the works to be done on the basis of the Notice Inviting Tenders, instructions to Tenderer/s, General and Special Conditions of Contract, Building Drawings, Technical Specifications have been signed by or agreed to be executed upon and subject to the conditions Set-forth herein (Hereinafter referred to as "The Said Conditions") and the Special Conditions and Specifications of the work described in the said specifications, and included in the Schedule of Rates at Rates therein Set forth of amounting to the sum Rs. (Rupees only) hereinafter referred to as "Contract Amount" and more specifically detailed out in Volume II hereinafter.

- III And whereas the contractor has deposited with the IRWO the sum of Rs. _____ (Rupees ______ only) as the Earnest Money, which shall become part of the Security Deposit to be retained until the expiry of the defects liability period for the due observance and performance of this contract.
- IV
 And whereas the Contractor has furnished a Bank Guarantee bearing

 No.______
 dated ________

 Rs.______
 (Rupees _________

 Executed by _______
 in Favour of IRWO towards security Deposits

 and Performance Guarantee, valid up to ______
- V And whereas the contractor hereby agrees to extend the validity of the Bank Guarantees for such further period or periods as may be required by IRWO and if the contractor fails to obtain such extension (s) from the Bank, the Contractor shall pay forthwith or accept recovery of Rs._____ (Rupees only) from the bills in one Installment and the contractor further agrees that failure to extend the validity of the Bank Guarantee or failure to pay the aforesaid amount in the manner specified above shall constitute breach of Contract. In addition to above, IRWO shall be entitled to take such action as deemed fit and proper Rs. for recovering the said sum of (Rupees _____ only)

(Above provisions relating to Bank Guarantee/Performance Guarantee to be incorporated only if Security Deposit/Performance Guarantee is furnished in the form of a Bank Guarantee before the execution of the Agreement)

NOW THIS AGREEMENT WITNESSETH AND IT IS HEREBY AGREED AND DECLARED AS FOLLOWS:

- 1. In consideration of the said Contract Amount to be paid at Different Periods of time and in the manner set-forth in the said Conditions, the Contractor shall, upon and subject to the said conditions execute and complete the work described as per the said Plans and Specifications and / or the Schedule of Rates and other conditions and within ____Four____ months of the date of commencement of the work.
- The commencement of work will be taken as the date of issue of the letter of Acceptance /order for aware of the contract.
- IRWO shall pay to the Contractor the said Contract Amount or such other sum as shall become payable at the times as hereinafter specified in the conditions.
- 4. Whenever under this Contract or otherwise, any sum of money shall be recoverable from or payable by the Contractor, the same may be deducted in the manner as set out in the General Conditions of Contract or other conditions governing this agreement.
- All charges on Account of Octorai, Terminal and other Taxes including Sales Tax or other duties on material obtained for execution of the said works shall be borne and paid by the contractor.
- 6. The following document (s) shall be deemed to form and be read and construed as part of the Agreement along-with the Amendments, Negotiated and confirmed in various subsequent letters exchanged as mentioned hereinafter.
 - i. Notice Inviting Tender.
 - ii. Instructions to Tenderers;

- iii. Details of the work, Eligibility, Technical Specifications & Special Conditions.
- iv. Tender Forms.
- v. General Conditions of Contract April, 2015, with Amendment No.1 dated 13.10.2015.
- vi. IRWO's Letter No. IRWO/ _____ dated _____ 2019 to the contractor for award of the contract.
- vii. Tenderer's Letter No._____ dated _____ to IRWO in acceptance of the Award of Contract.
- 7. Parties hereto shall respectively abide by submitting themselves to the conditions and comply with the Performance of the said Agreement on their part respectively in such conditions stated in the Tender Document.

IN WITHESS WHEREOF, the Parties hereto have signed this Agreement on the date and place First Written above.

 1.
 SIGNED BY THE SAID
 2.
 SIGNED BY THE SAID

 IRWO (FIRST Party)
 Contractor (Second Party)

 Indian Railway Welfare Organization
 Signed By The Said

In the Presence of	e of In the Presence of Signature Name
Signature	Signature
Name	Name
Address :	Address :

SECTIOIN - 5 CONDITIONS OF CONTRACT

Execution of works

1. Contractor's understanding

It is understood and agreed that the contractor has after careful examination, satisfied himself as to the nature and location of the work, the configuration of ground, the character, quality of the materials to be encountered, the character, quality of the materials to be needed preliminary to and during the execution of the works, the general and local condition, the labour condition prevailing therein and all other matters which can in any way affect the works under the contract.

Supervision of work

The contractor has to engage a qualified supervisor to execute the work and also to carryout the instructions to be given by the Engineer –in-charge at site.

He has to make his own arrangements for the storage of materials and also engage a watchman to safeguard the materials and also for site accommodation.

If IRWO water is used, Recovery @ 1% the cost of cement items will be made .Electricity will be supplied free of cost for fixing grill with exiting grill and Breaking c.c. flooring if required.

2. Setting out of works

The contractor shall clear the shrub and bushes at site and the contractor shall be responsible for the true and proper setting out of the works in relation to the original points If at any time during the progress of the work, any error shall appear or arise in any part of the work, the contractor on being

requied to do so by the engineer shall at once rectify such errors to the satisfaction of Engineer. The checking of any setting out of line or level by the Engineer or his representatives shall not in any way relieve the contractor of h is responsibility for the correctness thereof and the contractor shall carefully protect and preserve all bench marks, site, etc., used in setting out all the work. In case the contractor is required to revise the setting out of work due to any reason, he shall do so without any extra charges.

3. Contractor to keep site clear

During the execution of the work, the contractor shall keep site reasonably free from obstructions and shall store or dispose off any constructional plant and surplus material and clear away and remove from site any rubbish or temporary work no longer required. Suitable competent staff should be employed to maintain proper house keeping during the entire period of construction/contract. Nothing extra will be payable on this account.

4. Variation in quantity

Quantity shown in the schedule is approximate only and may vary as per site condition. +(-) 25% of the quantity is shown at the rates quoted. If it exceeds, 25% then rates can be negotiated.

Price variation clause is not applicable for this contract.

5. Damage to IRWO property and private life and property

The contractor shall be responsible for all risks to the works and for trespass and shall make good at his own expenses all loss or damage whether to the works themselves or to any other property of the IRWO or the lives, persons or property of others from whatsoever cause in connection with the works unit they are taken in connection with the works until they are taken over by the IRWO even though all reasonable and proper precautions may have been taken by the contractor and in case the IRWO shall be called upon to make

good any such casts, loss or damages, or to pay compensation (including that payable under the provisions of the workman's compensation Act or any statutory amendment, thereof) to any person or persons sustaining damage as foresaid by reason or any act, or any negligence or omission on the part of the contractor, the amount of any costs or charges (including costs and charges in connection with legal proceedings), which the IRWO shall have the power and right to pay or to defend or compromise any claims of threatened legal proceedings or in anticipation of legal proceedings being instituted consequent on the action of default of the contractor, to take such steps as may be considered necessary or desirable to ward off or mitigate the effect of such proceedings, charging to the contractor, as aforesaid, any sum of sums of money which may be paid and any expenses whether for reinstatement or otherwise which may be incurred and propriety of any such payment, defense of compromise the incurring of any such expenses shall not be called in question by the contractor.

6. Rate for extra additional or altered or substituted work

The employer shall have full powers to order execution of extra additional, altered or substituted items not included in the schedule of Quantities forming part of this contract. The execution of such items and / or any instruction issued thereafter shall not, in any way, affect or vitiate the contract and the contractor shall be bound to carry out all such items required under the same terms and conditions as per these contract documents. Contractor shall note that no non-schedule item shall be executed without prior approval. For new items, rates will be negotiated.

MEASUREMENTS CERTIFICATGED AND PAYMENT

7. Quantities in Schedule of Rates Annexed to Contract

The quantities set out in the accepted Schedule of Rates with items of work quantified are the estimated quantities of the works and they shall not be taken as the actual and final quantities of the works to be executed by the contractor in fulfillment of his obligations under the contract.

7 (a) Measurement of Works

- (i) The contractor shall be paid for the works at the rates in the accepted Schedule of Rates and for all the authorized extra works at rates determined on the measurement taken by the contractor and verified by the Engineer or the Engineer's Representative in accordance with the rules prescribed for the purpose by the IRWO.
- (ii) The quantities for items, the unit of which in the accepted Schedule of Rates shall be calculated to the nearest whole number, any fraction below half being dropped and half and above being taken as one. For items the unit of which in the accepted schedule of rates is single, the quantities shall be calculated to two places of decimals.
- (iii) Such measurements will be taken of the work in progress from time to time and at such intervals as in the opinion progress of works. The date and time on which on account or final measurements are to be verified shall be communicated to the contractor who shall be present at the site and shall sign the result of the measurement.

7 (b) On Account Payments

- (i) The contractor shall be entitled to be paid from time to time by way of "On Account Payment" only for such works as in the opinion of the engineer he has executed at site subject to any deduction, which may be made from the same.
- (ii) Detailed measurements for the work done at site will be recorded in the prescribed measurement book by the IRWO official and on account bill shall be prepared and submitted to the Engineer who will pass for payment after verification.

- (iii) The measurements submitted by the contractor shall be jointly verified on the date and time fixed by the engineer and the contractor shall be present at site and shall sign the results of the measurements, which will be singed by the Engineer. These measurement books will be treated as an acknowledgement and acceptance of the accuracy of the measurements. Failing the contractor's attendance the work will be checked and measured up in his absence and such measurements shall not withstanding such absence be binding on the contractor whether or not he shall have signed the measurement book. Provided always that any objection by the contractor in writing which will also be signed by the Engineer, Engineers representative to any measurement shall be duty investigated and considered in the manner set out above.
- (iv) The on account bill shall be submitted in the prescribed Performa approved by the Engineer No Bill submitted incomplete or not in the prescribed manner will be entertained. Once the on account bill is submitted by the contractor complete in all respect to the satisfaction of the Engineer, the same will be normally paid within 15 days of submission. The contractor shall however not be entitled for any interest or any other compensation due to delayed payment.

The bill on receipt in corporate office of IRWO after its having been checked at site will be passed for payment to the extent of 75% of net amount, which will be treated as advance. This amount will be adjusted while passing running / on-account bill and balance 25% paid thereafter. The next running on account bill is prepared only after the first bill is cleared.

(v) Normally on account payment for the work done by the contractor shall be made once a month, provided that the gross value of work done since the previous payment is not less than ten lacs.

8. Final Measurement and Payment

- i) When the works have been actually completed and the Engineer shall have certified in writing that they have been so completed and the Engineer has reasonably satisfied himself about the same, the contractor shall submit his final bills of quantities supported by detailed measurements within 90 days. Subject to the joint checking of the measurements by the Engineer and the contractor the Engineer shall arrange to effect actual payment of the amount as are undisputed and accepted after deducting there from the amounts due to the Employer in terms of the contract.
- ii) In case of termination, rescinding of the contract, contractor shall be required to measure work within seven days from the date of termination / rescinding fro joint verification by the Engineer(s), failing which the Engineer(s) will record the measurements after giving due notice to the contractor of the date and time of the measurement to be recorded and in case the contractor still fails to witness the measurements, then the measurements so recorded shall be final and binding on the contractor.

The contractor shall not be entitled to make any claim, whatsoever, against, the IRWO under or by virtue of, or arising out of this contract nor shall IRWO entertain or consider such claim, if made by the contractor, after he shall have signed a "No Claim" certificate in favour of IRWO in such form as shall be required by the IRWO after the works are finally measured up. The contractor shall be debarred from disputing the correctness of the items covered by the "No Claim Certificate". In such cases, it will be a term of contract that there is no Arbitration clause at all.

Signature of the Tenderer(s)

24

DETERMINATION OF CONTRACTS

9. **Right of Employer to Determine Contract**

The Employer shall be entitled to determine and terminate the contract at any time should in the Employer's opinion, the cessation of work becomes necessary owing to paucity of funds or from any other cause, whatsoever, in which case the value of approved materials at site and of work done to date by the contractor will be paid for in full at the rate specified in the contract. Notice in writing from the Employer of such determination and the reason therefore shall be conclusive evidence thereof.

10. Payment on Determination of Contract

Should the contract be determined under Para No. 11 above, the contractor shall have no claim to any payment of compensation or otherwise howsoever on account of any profit or advantage which he might have derived form the execution of the work in full but which he did not derive in consequence of determination of the contract. The Employer's decision on the necessity and propriety of such expenditure shall be final and conclusive.

11. Determination of Contract Owing To Default of Contractor

If the contractor should :

- i) Become bankrupt or insolvent of
- Make an arrangement with or assignment in favour of his creditors, or agree to carry out the contract under a Committee of Inspection of his creditors, or
- iii) Being a company or corporation, go into liquidation (other than a voluntary liquidation) for the purpose of amalgamation or reconstruction, or
- iv) Have an execution levied on his goods or property on the works, or

- v) Assign the contract or any part thereof or
- vi) Abandon the contract, or
- vii) Persistently disregard the instructions of the Engineer or contravene any provision of the contract, or
- viii) Fail to adhere to the agreed programme of work by a margin of 10% of the stipulated period or
- Fail to remove materials from the site or to pull down and replace work after receiving from the Engineer notice to the effect that the said materials or works have been condemned or rejected or
- Fail to take steps to employ competent or additional staff and labour as required, or
- xi) Fail to afford the Engineer or Engineer's representative proper facilities for inspecting the work or any part thereof as required or
- xii) Promise, offer to give any bribe, commission, gift or advantage either himself or through his partner, agent or servant to any officer or employee of the Employer or to any person of his or on their behalf in relation to the execution of this or any other contract with the employer, the following procedure shall be adopted in the causes (i) to (xii) above.

12. **Procedure of Determination of Contract**

In any of the said cases, the Engineer on behalf of the Employer may serve the contractor with a notice in writing to that effect and if the contractor does not within seven days after the delivery to him of such notice proceed to make good his default in so far, as the same is capable of being made good and carry on the work or comply with such directions as aforesaid to the entire satisfaction of the Engineer, the Employer shall be entitled after giving 48 hours notice in writing under the hand of the Engineer, (to rescind the contract as a whole or in part or parts as may be specified in such notice) and adopt either or both of the following courses :

- (a) To carry out the whole or part of the work from which the contractor has been removed by the employment of the required labour and materials, the cost of which shall include lead, life, freight supervision and all incidental charges.
- (b) To measure up the whole or part of the work from which the contractor has been removed and to get it completed by another contractor. The manner and method, in which such work is completed, shall be at the entire discretion of the Engineer whose decision shall be final.

And in both the cases (a) & (b) mentioned above, Employer shall be entitled (i) to forfeit the whole or such portion of the security deposit as it may consider fit: and (ii) to recover from the contractor the cost of carrying out the work in excess of the sum which would have been payable according to the certificate of the Engineer to the contractor under the terms of the contract, such certificate being final and binding upon the contractor. Provided, however, that such recovery shall be made only when the cost incurred in excess is more than the Security Deposit Proposed to be forfeited and shall be limited to the amount by which the cost incurred in excess exceeds the Security Deposit proposed to be forfeited. The amounts thus to be forfeited or recovered may be deducted from any amount then due or which at any time thereafter may become due to the contractor by the Employer under this or any other contract or otherwise.

Provided always that in any case in which any of the powers conferred upon the employer by sub clause 6.8.0 shall have become exercisable and the same shall not be exercised, the non exercise, thereof shall not constitute a waiver of any of the condition thereof and such powers shall notwithstanding be exercisable in the extent of any future case of default by the contractor for which his liabiliy for past and future shall remain unaffected.

13. Right of Employer after Rescission of Contract Owing to Default of Contractor

In case of any or several of the courses, referred to in para no. 13 is being adopted.

- a) The contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any commitments or made any advances on account of or with a view to the execution of the work or the performance of the contract and the contractor shall not be entitled to recover or be paid nay sum for any work there to or actually performed under the contract unless and until the Engineer shall have certified the performance of such work and the value payable in respect thereof and the contractor shall only be entitled to be paid the value so certified.
- b) The Engineer or the Engineer's representative shall be entitled to take possession of any materials, tools, implements, machinery and buildings on the works or on the property on which these are being or ought to have been executed, and to retain and employ and part thereof until the completion of the work without the contractor being entitled to any compensation for the use and employment there of or for wear and tear or destruction thereof.
- c) The Engineer shall, as soon as may be practicable after removal of the contractor fix and determine ex-parte or by or after reference to the parties such investigation or inquiries as he may consider fit to make or institute and shall certify what amount (if any) had at the time of rescission of the contract been reasonably earned by or would reasonably accrue to the contractor in respect of the work then actually done by him under the contract and what was the value of any unused or partially used materials, any constructional plant and any temporary works upon at site.

d) The employer shall be liable to pay the contractor any money on account of the contract until the expiration of the period of maintenance and thereafter until the cost of completion and maintenance and thereafter until the cost of completion and maintenance damages for delay in completion (if any) and all other expenses incurred by the Employer have been ascertained and the amount thereof certified by the Engineer. The contractor shall then be entitled to receive only such sum or sums (if any) as the Engineer may certify would have been due to him upon due completion would have been due after deducting the said amount, but if such amount shall exceed the sum which would have been payable to the contractor, then the contractor shall on demand pay to the Employer the amount of such excess and it shall be deemed a debit due by the contractor to Employer and shall be recoverable accordingly.

SETTLEMENT OF DISPUTES

14. Conciliation and Arbitration :

Conciliation

- It is a term of this contract that Conciliation/ Arbitration of disputes shall not be commenced unless an attempt has first been made by the parties to settle such disputes through mutual settlement / conciliation.
- (ii) If the Contractor is not satisfied with the settlement by the Employer on any matter in question disputes or differences, the contractor may refer to the Managing Director IRWO in writing to settle such disputes or differences through conciliation/arbitration provided that demand for conciliation or arbitration shall specify the matters, which are in question or subject of the disputes or difference as also the amount of claim, item wise. Only such disputes or differences in respect of which the demand has been made, together with counter claim of IRWO shall be referred to conciliator or Arbitrator as the case may be and other matters shall not be included in the reference.

- (iv) Managing Director of IRWO may himself act as a Sole Conciliator / Sole Arbitrator or may decides to appoint another person as conciliator or Arbitrator as the case may be.
- (v) If one or more Conciliator (s) appointed as above refuses to act or arbitrarily withdraw from his office as Conciliator or vacates his/their office or offices or is/are unable or unwilling to perform his functions as conciliator(s) for any reasons, whatsoever or dies or in the opinion of Managing Director, IRWO fails to act without undue delay, the Managing Director IRWO shall appoint new Conciliator(s) in his/their place. Such reconstituted tribunal may, at its discretion, proceed with the reference from the stage at which it was left by the previous conciliator(s).
- (vi) The demand for conciliation is subject to Arbitration and Conciliation Act, 1996 and the rules there under and any statutory modification thereof shall apply to the Conciliation proceedings under this clauses.

15. Arbitration

In the event of any dispute or difference between the parties hereto as the construction or operation of this contract, or the respective rights and liabilities of the parties on any matter in question, dispute or difference on any account to which the parties may claim to be entitled to, then the disputed matters may be referred to arbitration, as per procedure laid down below.

- The demand for arbitration shall specify the matters which are in question, dispute(s) or difference(s) in respect of which the demand has been made, shall be referred to arbitration and other matters shall not be included in the reference.
- ii. It is a term of the Contract that no person other than a person nominated by Employer shall act as Arbitrator and if for any reason that is not possible, the matter is not to referred to arbitration at all. IN case where the Contractor has signed the final bill with "No claim certificate" the matter will not be referred to arbitration and in such cases, it will be a term of the Contractor that there is no arbitration clause at all.

- 16. In cases where the total value of all claims in question added together does not exceed Rs. 10 lacs (Rupees Ten lacs only) the Arbitral Tribunal consist of sole/Arbitrator who shall be either the Managing Director or any officer of IRWO nominated by the managing Dire3ctor on his behalf. The sole arbitrator shall be appointed within 60 days from the day when a written and valid demand for arbitration is received by IRWO.
- 17. In case not covered by the above clause, the Arbitral Tribunal shall consist of a panel of three serving or retired officers of Railway as the Arbitrators. For this purpose, IRWO will send a panel of more than three names of officers to the Contractor who will be asked to select / opt and suggest to Managing Director of IRWO at least two names out of the panel for appointment as contractor's nominee. Managing Director shall appoint at least one out of them as Contractor's nominee and will, also simultaneously appoint the balance number of Arbitrators either form the panel or from outside the panel and the two appointed Arbitrator shall appoint the third Arbitrator who shall act as the presiding Arbitrator.
- 18. If one or more Arbitrator(s) appointed as above refuse(s) to act as Arbitrator(s), withdraw from his office as Arbitrator or vacates his/their office or is/are unable or unwilling to perform his/their function as Arbitrator(s) for any reasons, whatsoever or die(s) or in the opinion of Managing Director fail(s) to act without undue delay, the Managing Director shall appoint new Arbitrator / Arbitrator(s) to act in his/their place in same manner in which the earlier Arbitrator(s) has been appointed. Such re-constituted Tribunal may, at its discretion, proceed with the reference from the stage at which it was left by the previous Arbitrator(s).
- 19. The demand for Arbitration is subject to Arbitration and Conciliation Act, 1996 and the rules there under and any statutory modification thereof shall apply to the Arbitration proceedings under this clauses.

- 20. The language of proceedings, documents or communication shall be in English and the Awards shall be made in English in writing. Conciliator / Arbitrator(s) shall give the award which shall state item wise the sum awarded and the reasons upon which it is bases. The analysis and the reasons shall be detailed enough so that award could be inferre3de there from.
- 21. The conciliator / Arbitral Tribunal shall record day to day proceedings. Those proceedings shall normally be conducted on the basis of documents and written statement.
- 22. the conciliation/arbitration proceedings shall be held at a place decided by conciliator / Arbitrator.
- 23. The fees and other charges of the conciliator Arbitrator(s) shall be as per the scale fixed by the IRWO from time to time and shall be shared between the IRWO and the contractor.
- 24. The minimum qualification of conciliator/Arbitrator shall be graduate in Engineering. He may be a working or a retired officer with a minimum of 20 years in Group 'A' in Engineering Services of railways or equivalent in railway PSUs. He should be clear from the vigilance angle and should be a person with reputation of high technical ability and integrity. Also, he would not have associated with the contract to which the disputes pertain.
- 25. It is a terms of this contract that the contractor shall not approach any court of law for settlement of such disputes or difference unless an attempt has first been made by the parties to settle such disputes or difference in accordance with the provisions of clause.
- 26. Obligation of IRWO and Contractor shall not be altered by reasons of Conciliation 'Arbitration being conducted during the progress of works. Neither party shall be entitled to suspend the work on account of conciliation arbitration and payment to the contractor shall continue to be made in terms of contract.

27. The award of conciliator / Sole Arbitrator/ Arbitral Tribunal unless challenged in the Count of Law shall be binding on all parties.

28. **Award**

Conciliator(s) Arbitrator(s) shall give the award which shall state item wise the sum awarded and reasons upon which it is based.

29. Jurisdiction

All disputes arising out of or relating to the contract shall be deemed to have arisen in Delhi and only courts having jurisdiction over Delhi shall determine the same.

SECTION-6

NAME OF WORK:-SPECIAL REPAIR TO BOUNDARY WALLS, R.C.C. TANKS, SEWERAGE MAN HOLES ETC AT RAIL HIGH RISERS SOCIETY SECTOR-10 SONEPAT (HARYANA)

TIME OF COMPLETION - 4 MONTHS TOTAL APPROX COST : Rs.29,83,584/-

S.	Item	Description of Item	Quantity	Rate	Unit	Amount
No	No.			(Rs.)	Per	(Rs.)
1.	2.6.1	Earth work in excavation in all soils, including getting				
		out & disposal of earth excavated, lead up to 50 m &				
		lift upto 1.5 m as directed by Engineer-in-Charge.				
			54	125.95	Cum	6801.00
2.	2.25	Filling available excavated earth (excluding Rock) in,				
		plinth, sides of foundation etc. in layers not exceeding				
		20 Cm in depth consolidated each deposited layers by				
		ramming & watering lead upto 50 m & lift upto 1.5 m.				
			54	125.75	Cum	6790.00
3.	4.1.3	Providing and laying in position cement-concrete of				
		specified grade including the cost of centering and				
		shuttering				
		1:2:4 1 Cement : 2 Coarse sand : 4 graded stone				
		Aggregate 20 mm Normal Size	13	5481.95	Cum	71265.00
4.	5.2.2	Reinforced cement concrete work in walls columns,				
		Piers etc. above plinth level including centering,				
		shuttering: complete 1: 1.5:3 1.5:3 (1 cement: 1.5	20	74.45.00		1 12 21 5 22
		Coarse Sand; 3 graded stone Aggregate 20 mm	20	7145.80	Cum	1,42,916.00
-	F 22A 1	nominal size).				
5.	5.22A.1	Steel Reinforcement for R.C. C work including				
		Straightening cutting, bending, placing in position &				
		Binding all complete above plinth level.				
		Mild Steel & Medium Tensils Steel Bars				
			2710 Kg	55.30	Kg.	2,49,863.00
6.	6.1.1	Brick Work with common burnt clay FPS (non modular)	2710 Kg	55.50	Kg.	2,49,803.00
0.	0.1.1	bricks of class designation 7.5 in Foundation & Plinth in				
		Cement mortar 1:4 (1 cement: & coarse sand)				
			27	4970.30	Cum	1,34,198.00
7.	6.4.2	Brick work with common Burnt Clay FPS (Non modular)	27	+570.50	Cum	1,54,150.00
/.	0.4.2	bricks of class designation 7.5 in Superstructure above				
		Plinth Level in all Shapes & Sizes				
		Cement mortar 1: 6 (1 Cément: 6 Coarse Sand)	192	5582.85	Cum	10,71,907.00
8.	11.3.1	Cement Concrete Flooring 1: 2: 4 (1 Cement" 2 Coarse	1.72	5562.05		10,71,507.00
0.	11.5.1	Sand: 4 Stone aggregates) finished with a floating Coat				
		of neat Cement including cement Slurry etc Complete				
		40 mm thick with 20 mm nominal size of stone				
		Aggregate	08 Sqm	362.60	Sqm	2901.00
		1,00,004	55 5qm	302.00	24	2301.00

9.	11.4	52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cc 1 to 4				
		 (1:cementy 2 coarse sand 4 graded stone aggregate 20 mm nominal size and top layer 12 mm thick cement hardener consisting of mix 1:2(1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size(by volume. Hardening compound mixed at 2 liter per 50 Kg of cement or as manufacturer's specification. This includes cost of cement slurry etc. complete. 	45	555.25	Sqm	24986.00

S. No	ltem No.	Description of Item	Quantity	Rate (Rs.)	Unit Per	Amount (Rs.)
10.	12.41. 1	P&F on wall face in plastic seal PVC Rain Water Pipes conforming to IS 13592 Type 'A' including joining with seal ring confining to IS 5382 leaving 10 mm gap for thermal expansion Single Socketed Pipe (75 mm dia)	146 r	148.75	Meters	21718
11.	13.1.2	12 mm thick cement plaster of mix 1:6 (1 cement:6 fine sand)	1449 Sqm.	160.35	Sqm	2,32,347
12.	13.2.2	15 mm Cement Plaster on rough side of single or half Bricks Wall of mix 1:6 (1 cement:6 fine sand	2142	185.20	Sqm	3,96,698
13.	13.9.1	12 mm thick cement plaster finished with a floating coat of neat cement of mix & cement Mortar 1:3 (1 cement: 3 Coarse Sand)	225 .	234.70	Sqm	52,808
14.	13.10	15 mm thick cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement on the rough side of single or half Bricks Wall				
			225 .	265.95	Sqm	59,839
15.	14 .5 4.1	Painting with synthetic Enamel Paint of Approved Brand of required colour to given an even shade one or more coat on old work	656	51.30	Sqm	33653
16.	14 64.1	.Finishing Walls with water proofing cement point of required shade on old work one or more coat applied at 2.20 Kg/10 m ² over priming coat of Primer applied at 0.80 liter / 10 Sqm complete including cost of Priming Coat	3970 .	55.70	Sqm	2,21,129
17.	15.2.1	Demolishing Cement Concrete manually / By Mechanical Means including disposal of materials within 50 m lead as per direction of the Engineer-in- Charge.				
		Nominal Concrete 1:3:6 or rich mix	23	997.05	Cum	22,932
18.	15.18	Dismantling Steel Work in built up section in Angle,				

	Q	uoted Rates (Please strike off whichever is not appl		lo Signature d	%	nt:- 29,83,584/ Above / belov
					tal Amari	
		In single section fixed with or without connecting plate including cutting, hoisting fixed in position applying a Priming Coat of Approved steel primer all complete	200	58.45	Kg	11,690
26.	10.1	STRUCTURAL STEEL WORK				
25	NS 4	CC Flooring 1: 2: (1 cement 2 coarse sand 4" stone aggregate finished with a floating coat of neat cement complete. 25 mm thick	428	226.00	Sqm	96,728
24.	NS 3	CLEANING SEWERAGE MAN-HOES including plugging of Sewerage connection complete for starting repair work	15.	1500/-	Each	22,500
23.	NS- 2	Emptying Sewer Man hole including pumping of sewerage water with TRACTOR, Sewerage Pump and Tank including Disposal of same as per instruction of Engineer-in-Charge	15.	3000/-	Each	45,000
22.	NS- 1	REFIXING RELEASED OLD STEEL FENCHING INCLUDING ALL LABOUR STRAIGHTENING, WELDING ETC. COMPLETE INCLUDING COST OF FASTENERS.	2400	10.00	Кg	24,000
21.	15.7.4	Dismantling Bricks work Mannually / by Mechanical means including stacking of service cable materials within 50 m lead as per direction of Engineer-in-Charge in cement mortar.	20	842.75	Cums	16,855
20	15.3	Dismantling RCC work manually/ by Mechanical means including stacking of Steel Bar and disposal of undesirable material within 50 m lead as per direction of Engineer-in-Charge	07	1454.55	Cum	10182
.9	15.56	Dismantling old plaster or Skirting raking out joints and cleaning the surface for plaster including disposal of undesirable materials within 50 meters lead	2066	22.40	Sqm	46,278
		50 m lead	24000 .	2.40	Kg	57,600