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## TECHNICAL SPECIFICATION OF CIVIL PORTION OF WORK

Materials of following specification are to be used in work. The Tender are expected to possess and be well conversant with the following IS standard and code of practice.

1.	Cement	Will be as per I.S.269/255 (However the grade of cement to be selected by the Engineer-in-Charge of work and complex cube test before common cement of work in each batch).
2.	Steel	I.S.432 (Plain) and 1785 (Tor)
3.	Vibrator	I.S.7246
4.	Aggregate	I.S.383,I.S.515
5.	Water for mixing and curing	Shall be clean, free from injurious amount of oil, salt, acid, vegetable materials and other substances and harmful to concrete in conformity to I.S.456 and I.S.2025.
6.	Sand/Fine Aggregate	I.S.2116,383
7.	Binding wire	I.S.280 (galvanised minimum 1mm)
8.	Rain water pipe	I.S.2527
9.	Construction joints	I.S.3414
10.	Steel Window Frame	I.S.1038/83
11.	Steel Door Frame	I.S.4351/75
12.	Fitting & Fixtures for journey works	Conforming to I.S.7452/82 strictly conform to I.S. specification and as per direction of Engineer-in-Charge.

**Note:** For road work (Approach Road) specification as per road and bridges (latest edition) published by I.R.C&M.O.S.T. shall be followed. In case of any doubt and absence of provision, regarding specification I.S. shall be referred (Indian standard).

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**ITEM OF WORK**

- (i) Concrete shall be with conformity to I.S.456.
- (ii) Foundation shall be with conformity to I.S.1080.
- (iii) Stone masonry(R.R.) shall be with conformity to I.S.1597(Part-I)
- (iv) C.R. Masonry shall be with conformity to I.S.1597.
- (v) Brick masonry shall be with conformity to I.S.2212.
- (vi) Cement plastering shall be with conformity to I.S.9103&6925.
- (vii) Mortar shall be with conformity to I.S.2250
- (viii) White and color washing shall be with conformity to I.S.6278.
- (ix) CC in foundation shall be with conformity to I.S.2571.
- (x) Anti-Termite Treatment shall be with conformity to I.S.6813.(Part-I & Part-II)
- (xi) Painting to all surfaces shall be with conformity to I.S.2395(Part-I & Part- II)
- (xii) DPC shall be with conformity to I.S.3067
- (xiii) Tar felt treatment shall be with conformity to I.S.1346
- (xiv) Mosaic flooring with conformity to I.S.2114
- (xv) Steel painting shall be with conformity to I.S.1477 (Part-I & Part-II)I.S.1661

CERTIFICATE OF NO RELATIONSHIP

I/We here by certify that I/We\*am/are\*~~related/not related~~ (\*) to any officer of Forest Department and any officer of the rank of Assistant/ Under Secretary and above of the Forest Department, Govt. of Odisha. I/We\*am/are\*aware that, if the facts subsequently proved to be false, my/our\* contract will be rescinded with for feature of E.M.D and security deposit and I/We\*shall be liable to make good the loss or damage resulting from such cancellation.

I//We also note that, non-submission of this certificate will render my/our tender liable for rejection.

(\*)-Strike out which is not applicable

Signature of the Tenderer

Date:-

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**SCHEDULE-B**

**NOT REQUIRED FOR THIS TENDER**  
**CERTIFICATE OF EMPLOYMENT OF**  
**UNEMPLOYED GRADUATE ENGINEER/DIPLOMA**  
**HOLDERS**

**(for Super class/special class/A class contractors only)**

I/We here by certify that at present the following Engineering personnel are working with me/in our firm/company and their bio-data are furnished below.

Sl. No.	Name of Engineering personnel appointed for supervising contractor's work with address.	Qualification	Date of Appointment	Monthly emolument	Whether full time engagement and continuous	If they are super annulated /retired/dismissed do removed personnel from state Govt./Central Govt./Public Sector Undertaking/private Companies and so rayone in eligible for Government service.
1	2	3	4	5	6	7

I/We also note that, non-submission of this certificate will render my / our tender liable for ejection.

Signature of the Tenderer

Date:-

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**ANNEXURE-I OF SCHEDULE-C**

**NOT REQUIRED FOR THIS TENDER**

**LIST OF PLANT AND EQUIPMENTS TO BE DEPLOYED ON THE CONTACT WORK (MINIMUM REQUIREMENT)**

Sl. No.	List of plant and equipments	Requirement	Marks
1	Truck/Tipper	1No	40
2	Concrete Mixer	1No	10
3	Water Tanker (Truckmounted)	1No	15
4	Needle Vibrator	1No	05
5	Plate Vibrator	1No	05
6	Centring & Shuttering Plate	150Sqm	25
		<b>Total</b>	<b>100</b>

**NOTE:**

1. Capacity of each plant and equipment should be as per specification attached separately.
2. The above equipment should either be owned or availed on long-term lease extended beyond the duration of the work, the authority of which in either case is to be substantiated before award of the work.
3. The equipment mentioned above must be included in Schedule "C" and clearly indicated as "Owned/leased."
4. The above list is not exhaustive. All other machinery /equipments as will be required for satisfactory completion of the work shall have to be deployed by the agency.
5. For deploying additional sophisticated machinery by the agency for completion of the work, no claim shall be entertained

NOT REQUIRED FOR THIS TENDER

CAPACITY OF PLANTS AND EQUIPMENTS

1.Truck/Tipper	.....Having minimum capacity of 5.50 cum
2. Water Tanker.....	The water tanker should be a truck mounted one of as a trailing un it having minimum 5000ltr.  Capacity
3.Concrete Mixer.....	Batch type concrete Mixture having minimum15cum capacity/hour

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**ANNEXURE-III OF SCHEDULE-C**  
**NOT REQUIRED FOR THIS TENDER**

**CERTIFICATE TO BE ISSUED BY THE EXECUTIVE  
ENGINEER UNDER WHOM THE MACHINERIES  
/EQUIPMENTS ARE DEPLOYED  
(Not issued prior to 90 days of receipt of tender)**

Sl. No	Name of the machineries/equipments	Identification No. /Engine/ Chassis No.	Capacity	Year of purchase	Condition (Working/breakdown)	Since when deployed under him	When it is likely to be released from current assignment
1	2	3	4	5	6	7	8

**Certified that,**

1. I have verified the ownership documents with the identification no. of the Machineries/Equipments.
2. Machines are currently utilized exclusively for the work under the Division.
3. The fact on the date of issue of this document the best of my knowledge.

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EXECUTIVE ENGINEER

**ANNEXURE- IV OF SCHEDULE-C**

**NOT REQUIRED FOR THIS TENDER**

**TIME SCHEDULE FORM OVEMENT OF EQUIPMENT/MACHINERIESAV AIL ABLE WITH  
THE TENDERER FROM ONE SITE TO WORK SITE WHEN THE CONTRACTOR IS  
EXECUTING SEVERALWORKS**

Sl. No	Name of Equipment & Machineries	Required No.	Name of the work for which Equipment & Machineries deployed	Name of the Division under whose jurisdiction Equipment & Machineries deployed	Name of the place where equipment and machineries deployed.	Time schedule for movement of equipment/machineries to work site for use in tender work
1	Truck/Tipper	1No				
2	ConcreteMixer	1No				
3	Water Tanker( Truck mounted)	1No				
4	Needle Vibrator	1No				
5	Plate Vibrator	1No				
6	Centering & Shuttering Plate	150 Sq m				

Certified that, the above machineries shall be available solely for this work from the date mentioned against them

**Signature**

**SCHEDULE "C"**

**NOT REQUIRED FOR THIS TENDER**

**PLANT AND EQUIPMENT PROPOSED TO BE EMPLOYED BY THE APPLICANT FOR USE ON THE WORK**

Sl. No.	Name of equipment	Total requirement			Equipment in hand			Equipment to be procured			Whether documentary evidence furnished	Referencet o documentarype vidence	Remarks
		No.of units	Kind and make	Capacity	No.of each	Year of manufacture and present condition	Present location	No.of each	Capacity	Through lease			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
										2			

**A. Construction Equipments**

**B. Vehicle Trucks etc.**

Reference Annexure I for list of essential equipments for contracts I. If leased indicate the date when the current lease expires

Signature

**SCHEDULE-D1**

**WORKING EXPERIENCE**

**D-1.LIST OF SIMILAR NATURE OF PROJECTS EXECUTED**

Name of the Employer	Name of the location & name of the work	Contract price in INR	Items of works	Date of starting work as per agreement	Stipulated date of commencement as per agreement	Actual Date of competition of work	Reasons for delay in starting/ completion, if any

Signature

WORKING EXPERIENCE (SCHEDULE-D2)

D-2. LIST OF SIMILAR NATURE OF PROJECTS IN PROGRESS

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Name of Employer	Name of location and name of the work	Contract price in Indian Rupees	Items of works	Date of starting the work as per Agreement	Stipulated date of completion of the work as per Agreement	Revised target date of completion of the work, if any	Reasons for slow progress, if any, with the updated billing amount
1	2	3	4	5	6	7	8

Signature

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**SCHEDULE-"E"**

**INFORMATION REGARDING CURRENT LITIGATION, DEBARRING EXPELLING  
TENDERED OR ABANDONMENT OF WORK BY THE TENDERER**

- |    |    |  |           |
|----|----|--|-----------|
| 1. | a) | Is the tenderer currently involved<br>any litigation relating to the works   | Yes/No in |
|    | b) | If yes: give details:  |           |
| 2. | a) | Has the tenderer or any of its<br>constituent partners been debarred/<br>expelled by any agency in India during the last5 years.     | Yes/No    |
| 3. | a) | Has the tenderer or any of its<br>constituent partners failed to<br>perform on any contract work in India<br>during the last5 years. | Yes/No    |
|    | b) | If yes, give details:  |           |

Note-If any information in this schedule is found to be incorrect or concealed, qualification application will be summararily be rejected.

Signature

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**SCHEDULE-FAFFIDAVIT**

The undersigned do hereby certify that all the statements made in the required attachments are true and correct.

The undersigned also hereby certifies that neither **our firm M/s** \_\_\_\_\_ **nor any of its constituent partners/ I** have abandoned any road/ bridge/Irrigation /Buildings or other project work in Indian or any contract awarded to us/me for such works have been rescinded during the last five years prior to the date of this bid.

The undersigned hereby authorized and request(s) any bank, person, firm or Corporation to furnish pertinent information as deemed necessary and as requested by the Department to verify this statement or regarding my(our) competency and general reputation.

The undersigned understands and agrees that further qualifying information may be requested and agree to furnish any such information at the request of the Department.

(Signed by an Authorized Officer of the firm or Bidder)

Date:

**APPROVED**

Divisional Forest Officer,  
Sundargarh Forest Division.

Date -

Place -