



दक्षिणमध्यरेलवे / SOUTH CENTRAL RAILWAY

मुद्रधि/निर्माण/कार्यालय Construction/Office,
दरअनुभाग Rate Section,
रेलनिर्माणनिलयम Rail Nirman Nilayam,
सिकंदराबाद SECUNDERABAD-500 071.

Room - 206 A, 2nd Floor @ caocgenl@gmail.com : Rly. (Off) - 86877(Rly), 27821570 (DOT) 9701372131

No.W.Con.496/PL/C/T&C/XIX/Vol.IX

Dt.12.01.2023

Dy.CE/C/I, III/SC, NZB, KZJ, NED, AK, BZA, GNT, GNT-II, TPTY, GTL,
Dy.CPM/WCSP/SC

Sub:- Vigilance observations while scrutinizing tender files- Penalty towards non-establishment of site laboratory, pre-requisites with respect to plans and drawings for tender calling and incorporation of detailed calculations- reg.

Ref: (i) PCE Office Lr. No.W.496/Policy/ Vol.IX dt.28.12.2021
(ii) GM Office Lr. No.G.AGM/Misc./2018 dt.07.06.2018

During scrutiny of one of the tenders, some discrepancies were noticed. In this regard, the following guidelines are being issued:

1. As per contract conditions, the agency has to provide a testing lab at site in Railway premises. Often it is noticed that full-fledged site laboratories are not being established by the agencies in some works. As such, based on Vigilance advice, PCE office has issued system improvement on 28.12.2021, specifying the penalty for not establishing the site laboratory. Copy of the same is enclosed herewith for reference. Hence, it is advised to adopt the system improvement issued by PCE office in all future non-EPC tenders.
2. The tender has been invited without approval of L-sections for the entire length and GADs for all bridges, which is in violation of AGM's letter No. G/AGM/Misc/2018 dt. 07.6.2018. It is to be ensured that compliance be made for the above letter while submission of tender schedule.
3. Some of the schedules, which include important items like concrete, steel, cement, have been included on lumpsum basis. It would be appropriate to arrive at the value of the work based on detailed calculations rather than on lumpsum basis, to give clear understanding to tenderers.

This issues with the approval of CAO/C/SC.

Encl: As above


Dy.CE/C/I/G 23/01/23

Copy to: (i) CE/C-I,II,III,IV,V,VI,P&S for information.

(ii) CVO/E for info. with ref. to Lr.No.G.265/V/E/20220901267 dt.15.12.22



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SOUTH CENTRAL RAILWAY
OFFICE OF THE PRINCIPAL CHIEF ENGINEER
5TH FLOOR, RAIL NILAYAM, SECUNDERABAD - 500071

W.496/Policy/ Vol.IX

Dt: 28.12.2021

Sr.DEN/Co-ord/ SC, GTL, BZA, GNT, HYB & NED
Dy.CE/EWS/LGD & Sr.DEN/WS/LGD

Sub: System improvement on Site Laboratory Establishment by contractor-reg

It is noticed that, during a preventive check conducted by Vigilance in one of the division RUB works, no site laboratory was provided for testing the material at site and there is no penalty clause in the agreement to take up the issue.

In view of the above, system improvement guidelines *to incorporate in the tender conditions and contract agreement* are issued as under:

The contractor should set up site laboratory within 45 days from the date of issue of letter of acceptance (LOA). If he/she does not setup site laboratory, the following penalty should be imposed.

Category	Value of work	Penalty per month in Rs.
a	Works costing upto Rs. 2.0 Crs.	No penalty
b	Works costing above Rs.2.0 Crs and upto Rs.5.0Crs	25,000/-
c	Works costing above Rs. 5.0 Crs	50,000/-

Equipments required in site lab for above category of works is enclosed as Annexure- 'A' & 'B'

All divisions are advised to follow above instructions strictly.

This is issued with approval of PCE.

28.12.2021
(N. Anjaiah)
Dy.CE/Works

Copy to: CPD/SD, CPD/BW, CE/Works, CTE, CGE, CE/P&D, CE/TP, CE/TM, CBE, CE/RSW,
CE/SD & CE/WS&F for kind information.
∴ CVO/Engg/SC for kind information w.r.t. your office Lr.No.G.265/ PC/2020/01/01151/
E/N/GTL dt.20.07.2021.

Annexure-'A'

List of Equipment to be provided by contractor in Site Laboratory
(For value of work costing above Rs. 2.0Cr. and upto Rs. 5.0Cr.)

Sl.No	Details	Nos.
1	Full set of IS sieves for testing of materials for Coarse aggregate, Fine aggregate, soil and Blanket Materials as per IS code and as per RDSO guidelines along with sieve shaker and brushes.	1 Nos.
2	Balance	
	a. Pan balance- upto 10kg capacity (with 1.0gm least count)	1 Nos.
	b. Electronic/Digital balance upto 10 kg capacity (with 1.0gm least count)	1 Nos.
3	Concrete cube testing machine -200Tonne capacity	1 Nos.
4	Slump testing apparatus with tamping rod	2 Nos.
5	Concrete cube moulds 150X150X150mm	12 Nos.
6	Leveling instrument with tripod & 2 Nos. of 4m high leveling staff	1 Nos.
7	Weigh batch mixing unit	1 No.
8	Screw gauge, Vernier caliper, Spirit level, Measuring tapes etc	1 No.

The above list is only tentative. Before commencement of work, the actual requirement will be given by the Engineer in charge depending on the nature of work. All equipments and apparatus should be of IS approved brands and in case IS brand is not available these should be of well known brands as per decision of the Engineer-in-charge.

Annexure-'B'

List of Equipment to be provided by contractor in Site Laboratory
(For value of work costing above Rs. 5.0Cr.)

Sl.No	Details	Nos.
1	Full set of IS sieves for testing of materials for Coarse aggregate, Fine aggregate, soil and Blanket Materials as per IS code and as per RDSO guidelines with sieve shaker and brushes.	1 Nos.
2	Balance	
	a. Pan balance-10kg capacity (with 1.0gm least count)	1 Nos.
	b. Electronic/Digital balance 10 kg capacity (with 1.0gm least count)	1 Nos.
3	Concrete cube testing machine -200Tonne capacity	1 Nos.
4	Slump testing apparatus with tamping rod	2 Nos.
5	Concrete cube moulds 150X150X150mm	12 Nos.
6	Leveling instrument with tripod & 2 Nos. of 6m high leveling staff	1 Nos.
7	Set of Soil testing equipments as per IS codes	1 Nos.
8	Set of Cement testing equipments as per IS codes	1 Nos.
9	Weigh batch mixing unit	1 No.
10	Screw gauge, Vernier caliper, Spirit level, Measuring tapes, etc	1 Nos.
11	Rebound hammer apparatus	1 Nos.
12	Digital Camera	1 Nos.

The above list is only tentative. Before commencement of work, the actual requirement will be given by the Engineer in charge depending on the nature of work. All equipments and apparatus should be of IS approved brands and in case IS brand is not available these should be of well known brands as per decision of the Engineer-in-charge.

[Signature]
20.11.2022



दक्षिण मध्य रेलवे/SOUTH CENTRAL RAILWAY

महाप्रबंधक का कार्यालय/General Manager's Office
सिकंदराबाद/Secunderabad-500 025

No.G.AGM/Misc./2018

दिनांक/Dt.07-06-2018

CAO/C

विषय/Sub: Invitation of tenders for execution of Construction projects.
संदर्भ/Ref: Your Note No.W.Con.496/PL/C/T&C/XIX/Vol.XII dt.05.06.2018.

For smooth and timely execution of works in Construction projects, it is necessary that land, approved plans and GADs, working space and approved L-section are available at the time of issuing letter of acceptance to working agency. Instructions from Railway Board also exist that in case of new line projects, before calling of tender(s), at least 70% of the required land should be available for working.

In the recent past, there are a number of cases where tenders have been finalized in anticipation of land availability and approval of GADs etc. However, work could not be started for quite some time since either land was not made available and/or GADs could not be approved in time. Sometimes, this may also lead to complications in contract management.

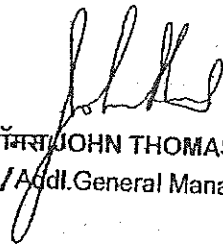
To ensure proper execution of works in Construction projects and also to avoid complications, following guidelines are issued for calling of tenders for the works targeted in 2019-20 and later.

SN	Nature of work	Pre-requisites for calling tender(s)
1	Earthwork and minor bridges	<ul style="list-style-type: none">• Submission of land acquisition papers for entire targeted length in case of Gauge conversion and Doubling/Tripling.• Clearance from forest and wild life departments to start the work.• In case of new line projects, availability of land or working permission for at least 70% of the targeted linear length.• Approved L-section.• Approved GADs for minor bridges.• Approved ESPs of station yards in the line.• Agency is available for shifting of cables in targeted lines.
2	Important and Major bridges	<ul style="list-style-type: none">• Approved GADs.• Availability of land or at least working permission.
3	Collection of Ballast	<ul style="list-style-type: none">• Ensuring that earth work is commenced in the reaches.
4	Track Linking	<ul style="list-style-type: none">• Completion of 50% earth work and minor bridges.
5	ROBs/RUBs	<ul style="list-style-type: none">• Approved GADs.• Invitation of tender for approaches by state govt.
6	Outdoor/Indoor S&T works	<ul style="list-style-type: none">• Approved SIPs.

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All the tenders, where above mentioned, prerequisites are completed, will be called with the approval of CAO/C. In case, above prerequisites are not completed and calling of tender is considered necessary, the same should be put up to AGM duly explaining the need and indicating time line for completion of prerequisites. Such tenders should be called only after approval from AGM. However, for all the works, targeted during 2019-20 or later, where tenders have already been called, letter of acceptance should be issued only after completion of the above mentioned prerequisites and taking approval from CAO/C. These instructions will be reviewed after 6 months.

This has the approval of GM.


(जॉन थॉमस/JOHN THOMAS)
अपर महाप्रबंधक / Addl. General Manager

Copy to: PCE, PCSTE, PCEE, PCOM, CBE and CE/P&D for information
and necessary action.
* All DRMs for information and necessary action.
* Secretary to GM for kind information of GM.