

Government of West Bengal
Public Works Department
Works Branch
Nabanna, Howrah

No. 797 -W(C)/1M-24/15

Dated :06.12.2017

MEMORANDUM

Sub : Prime Machineries to execute Road / Bridge works under Public Works Department.

It has been observed that different tender inviting authorities under Public Works Department are using different yardsticks in tender notice for requirement of plant machineries and equipments for any work considered for evaluation of technical bids of the said works from the large machinery list of Departmental Memorandum No. 44-W(C) /1M-24/15 dated 13/02/2015, 288-W(C) /1M-24/15 dated 02/05/2016 and 1T-06/2017/444-R/PL dated 18/04.2017.

It has also been observed in a few cases, in recent past, that some Engineer Officers prescribed certain machineries for intending tenderers which were not actually used or could not be used during execution of the concerned projects. It has also been observed that the estimates do not contain the type of requirement of main machineries.

To bring the uniformity in all NITs, the Governor is pleased to direct that all tender inviting authorities of this Department will mention the prime machineries and equipments to be required for the project considered for evaluation of technical bids of the said works out of as detailed in **Annexure - I.**

The Governor is further pleased to direct that following guidelines regarding machineries and equipments to be used in different types of works should be adhered to by the tendering authorities:

- (i) The items in the estimate shall contain type of required main machineries, if required.
- (ii) The Prime Plant Machineries and equipments which are actually required in the work shall be included in the NIT.
- (iii) Before increasing the number of the Prime Plant Machineries and equipments, the tender inviting authority shall calculate how many days are required to complete the project with one set of machinery considering that the machinery shall work 6 days in a week and 8 hours in a day. If it is impossible to complete the project within stipulated period by one set of machinery then no of machineries shall be increased.
- (iv) For Dense Bituminous Macadam and Bituminous Concrete work only Batch Type Hot Mix Plant of minimum capacity 100 – 120 TPH shall be used.
- (v) If any project contains less quantities of Dense Bituminous Macadam and Bituminous Concrete which appear to be uneconomical to any bidder to install Batch Type Hot Mix Plant then construction wing may create a single project by clubbing two or three adjacent projects within a division whose major portion of the works are in similar nature.

- (vi) Maximum age of Hot Mix Plant both in Batch Type and Drum Type, Paver Finisher, Concrete Batching and Mixing Plant, Concrete Mixer with integral weigh batching facility, Concrete Paver, Vibratory Roller shall be 5 years as on the date of publication of NIT, It may be extended up to 7 years, after getting fit certificate from the manufacturer and this certificate shall be produced at the time of submission of bid. All other machineries and equipments shall be in running condition.,
- (vii) Plant Machineries and equipments shall be owned or arranged through lease hold agreements by the bidders.
- (viii) Conclusive proof of ownership (Tax invoice, way bill, delivery challan) for each plant and machinery in working condition shall have to be submitted.
- (ix) In case of Batch Type Mixing Plant, conclusive proof of advance receipt from the manufacture shall be produced and in case of 25% payment against the total cost of the Plant / Machineries have to be made by the bidders.
- (x) If the machineries have been engaged in other works then name of client along with his contract number and Email address shall be furnished in the declaration by the intended tender and the present location (working place) shall also be given with tentative date of release of plant & machineries.
- (xi) In this connection self declaration (proforma enclosed) shall also have to be submitted along with the tender and it shall be declared that statement of fact related to the mode of ownership of machineries are true and it also to be clearly stated that required specified machineries shall be installed at the working site within 45 days from the date of work order if the machineries are required in the very initial stage of the work, otherwise machineries shall be installed at the working site well ahead of the actual requirement as per agency's submitted work programme.
- (xii) If tender inviting authority has any doubt in respect of authenticity of uploaded documents in respect of Prime Machineries, he can personally or his any authorised representative may inspect the machineries after informing the bidder.
- (xiii) All plants, machineries and equipment shall be verified by the competent authority before execution of the work.
- (xiv) If the bidder fails to install required plants, machineries and equipment for the instant project within the requisite time as previous clause no. (xi), the bidder shall be terminated from the instant work with forfeiture of earnest money and debarment proceeding shall be started against him.
- (xv) The list of prime machineries attached to the Memorandum No. 1T-06/2017/444-R/PL dated 18/04.2017 is superseded by present prime machineries list vide **Annexure – I.**
- (xvi) The bidder shall arrange facilities for different types of day to day testing as per MoRTH, IRC & IS guideline at the working site at his own cost relate to his work.

These guidelines are issued in supersession of Departmental memorandum no. 44-W(C) /1M-24/15 dated 13/02/2015, 293-W(C)/1M-24/15 dated 15/06/2015 & 288-W(C) /1M-24/15 dated 02/05/2016.

Henceforth necessary provision shall be incorporated in all Notice Inviting Tenders and should be a part of the Contract Agreement.

This order will take immediate effect.

All concerned are being informed.

By order of the Governor

Sd/-

(Indevar Pandey)
Principal Secretary
Public Works Department

No. 797/1(14)- W(C)/1M-24/15

Dated : 06.12.2017

Copy forwarded for information to:

1. The Accountant General (A & E), West Bengal, AP Section, Treasury Buildings, Kolkata - 1.
2. The Accountant General (Audit), West Bengal,
3. The Accountant General (RW / LBA), West Bengal, C.G.O.Complex, 3rd MSO Building, Sector - I, Block - DF, 5th Floor, Bidhannagar, Kolkata - 64.
4. The Principal Secretary, Finance Department.
5. The Principal Secretary, Public Works Department.
6. The Managing Director, West Bengal Highway Development Corporation, HRBC Bhaban, Munshi Premchand Sarani, Kolkata - 700021.
7. The Engineer-in-Chief & Ex-Officio Secretary, Public Works Department.
8. The Finance Department, Group - 'T'.
9. The Finance Department. Group - 'N'
10. The Financial Adviser, Public Works Department.
11. The Joint Secretary, Project & Co-ordination / Works / Administration, Public Works Department.
12. The Technical Secretary, Public Works Department.

Sd/f
Joint Secretary (Roads),
Public Works Department

No.797/2(1) - W(C)/1M-24/15

Dated:06.12.2017

Copy forwarded for information to :-

1. The Senior P.S. to the Hon'ble Minister - in - Charge, Public Works Department, Government of West Bengal.

Sd/f
Joint Secretary (Roads),
Public Works Department

Copy forwarded for information and necessary action to :-

1. The Chief Engineer, -----(All), P.W. Directorate / P.W.(Roads) Directorate / Social Sector, P.W. Directorate / Electrical, P.W. Directorate.
2. The Superintending Engineer,----- (All), P.W. Directorate / P.W.(Roads) Directorate / Social Sector, P.W. Directorate / Electrical, P.W. Directorate.
3. The Chief General Manager, West Bengal Highway Development Corporation, HRBC Bhaban, Munshi Premchand Sarani, Kolkata - 700021.
4. The Executive Engineer,----- (All), P.W. Directorate / P.W.(Roads) Directorate / Social Sector, P.W. Directorate / Electrical, P.W. Directorate.
5. The Executive Engineer, Kolkata IT Division, P.W. Directorate.

He is requested to upload the Circular in PWD website.



Joint Secretary (Roads),
Public Works Department

Annexure - I

Sl. No.	Item of Work	Requirement of prime machineries
1	Bituminous Concrete using Batch Type HMP 100-120 TPH	Batch type HMP 100-120 TPH, Hydrostatic paver finisher with sensor control, 12-15 tonne weight pneumatic tyre roller, 6-8 tonne smooth wheeled tandem roller.
2	Dense Bituminous Macadam using Batch Type HMP 100-120 TPH	Batch type HMP 100-120 TPH, Hydrostatic paver finisher with sensor control, 12-15 tonne weight pneumatic tyre roller, 6-8 tonne smooth wheeled tandem roller.
3	Semi-dense Bituminous Concrete using Batch Type HMP 100-120 TPH	Batch Type HMP 100-120 TPH, Hydrostatic paver finisher with sensor control, 6-8 tonne smooth wheeled tandem roller.
4	Bituminous Macadam using Batch Type HMP 100-120 TPH	Batch Type HMP 100-120 TPH, Paver Finisher, 6-8 tonne smooth wheeled tandem roller.
5	Bituminous Macadam using Drum Mix Type HMP 60-90 TPH	Drum Mix Type HMP 60-90 TPH, Paver Finisher, 6-8 tonne smooth wheeled tandem roller.
6	Bituminous Macadam using Drum Mix Type HMP 40-60 TPH	Drum Mix Type HMP 40-60 TPH, Paver Finisher, 6-8 tonne smooth wheeled tandem roller.
7	Bituminous Macadam using Mobile HMP (Light duty)	Mobile HMP (Light duty), 6-8 tonne smooth wheeled tandem roller.
8	Open-graded Premix Surfacing / Mix Seal Surfacing using Batch Type HMP 100-120 TPH	Batch Type HMP 100-120 TPH, Paver Finisher,
9	Open-graded Premix Surfacing / Mix Seal Surfacing using Drum Mix Type HMP 60-90 TPH	Drum Mix Type HMP 60-90 TPH, Paver Finisher,
10	Open-graded Premix Surfacing / Mix Seal Surfacing using Drum Mix Type HMP 40-60 TPH	Drum Mix Type HMP 40-60 TPH, Paver Finisher,
11	Open-graded Premix Surfacing / Mix Seal Surfacing using Mobile Hot Mix Plant (Light Duty)	Mobile HMP (Light duty),
12	Wet Mix Macadam	Wet Mix Plant, Paver Finisher, Vibratory roller of minimum static weight of 8-10 tonne (for compacted single layer upto 200 mm)
13	Cement Concrete Pavement laying with fixed form / slip form paver	Concrete Batch Mix Plant with Computer Control, Fixed Form / Slip Form Paver,
14	Cement Concrete Pavement mixed in a Batch Mix Plant and laying manually.	Concrete Batch Mix Plant with Computer Control,
15	Major Bridge Works contain M35 grade concrete or above M 35 grade concrete.	Concrete Batch Mix Plant with Computer Control,
16	Milling of bituminous layers by Milling Machine	Milling Machine
<p>Note : These are the minimum required prime machineries for execution of above mentioned works with the designated plant. For any special type of work concern tender inviting authority may seek any special type of machineries. Also the tender inviting authority may modify it based on the site condition & specification of the work in realistic manner. The Machineries which are easily available in the market need not be included in the NIT as a Prime Machineries. TPH - Tonne per Hour, HMP - Hot Mix Plant</p>		

DECLARATION

- I, the undersigned, declare that all the statements made in the attached documents in respect of mode of ownership of machineries are true and correct.
- Certified that required specified machineries for the works under this NIT shall be installed at the working site within 45 days from the date of work order if the machineries are required in the very initial stage of the work, otherwise machineries shall be installed at the working site well ahead of the actual requirement as per our submitted work programme.
- The undersigned also hereby certifies that neither our firm _____ nor any constituent firm had been debarred to participate in tender by Public Works Department during the last 5(five) years prior to the date of this NIT.
- The undersigned understands and agrees that further qualifying information may be requested and agrees to furnish any such information at the request of the Department.
- Certified that I have applied in the Tender in the capacity of individual / as a partner of a firm and I have not applied severally for the same job.
- Certified that I have applied in the tender in the capacity of individual / as a partner of a firm and I have applied to the works under this NIT restricted to maximum one no. works, if more than one work in the same NIT.
- Certified that I have access to or have available liquid assets (aggregate of working capital, cash-in-hand, uncommitted Bank Guarantees) and/or credit facilities not less than 10% of the estimated cost put to tender. In this respect, I have attached necessary documents with this application.
- I, the under-signed do certify that all the statements made in the attached documents are true and correct. If any declaration submitted is found / ascertain to be incorrect / fabricated / misrepresented / fraudulent etc. accordingly tender will be liable to be cancelled / terminated immediately & I / my firm / company shall also be liable to prosecuted under section 197, 199 & 200 of Indian Penal Code, 1860 along with section- 71 & section -73 of Indian Information & Technology act 2008 & any other applicable law for the time being in force in addition to forfeiture of Earnest Money / Security Deposit.

Signed by an authorised officer of the firm

Title of the officer

Name of the firm with seal

Date _____