

PROJECT APPROVAL (TECH.)

OFFICE : ADVISOR (TECH) TO HON'BLE CM, PUNJAB
SCO 61-62, PHASE - 2, S.A.S. NAGAR

D.E. (HQ) No. 971
Diary No. 17037
Chief Engineer / GMADA
S.A.S. Nagar

Memo No. ATPB/ 195 /GMADA Dated 23 Nov 11

Subject: PROJECT ESTIMATE FOR AUGMENTATION OF WATER SUPPLY SCHEME OF S.A.S. NAGAR BY BRINGING 80 MGD CANAL WATER FROM KAJAULI HEAD WORKS TO S.A.S. NAGAR UNDER PHASE-V AND PHASE-VI (PART-A) (ESTIMATED AMOUNT-Rs.196.19 CRORE)

Center Office
C.E., GMADA, Mohali
No. 17037 Dt. 12/14

1 Refer to your office Diary No 971 dated 21-Nov 11 received in this office on 22 Nov 11.

2 The subject cited Estimate received for Rs 202.38 crore duly checked and vetted from your office (for quantities, rates and arithmetical check) is technically cleared for Rs 196.19 crore. However, the following points must be kept in view while executing the work:

(a) The Pipe of 2200 mm i/d made out of HR coil 12 mm thick plate to be used for rising main should be as per relevant BIS specifications with upto date amendments and should be of reputed make like TATA/SAIL/Rastriya Ispat.

(b) Laying of steel pipe should be strictly as per IS 5822 : 1994 with upto amendments. It should be ensured that the curvature of the bottom of the trench should match with the curvature of the pipe being laid.

(c) It should be ensured that all the pipes are tested in the factory premises and all necessary tests as per the IS Code have been performed to the complete satisfaction of the Engineer-In-Charge. Necessary Certificate regarding above should be kept as record.

(d) All concrete structures should be got designed from the approved Structural Engineers. For water retaining structures, the concrete mix should be as recommended by the IS Code.

(e) All NS rates taken in the estimate are only for estimating purpose. Before allotting the work, analysis of rates for all should be prepared and they must be supported with price list (and discounts given on the same) from the manufacturers. Thereafter, the rates should be ratified from the market that they are lowest and reasonable (with maximum discount).

(f) The rates of all items based on CSR should be verified from the market. While accepting the contract all out effort should be made to get lowest possible rates so that the cost to the State Exchequer is the least.

(g) The quantities of all items should be re-verified and ascertained on ground. The same cannot be checked by this office.

C.E., GMADA
Diary No. 4793
Date 1-12-11

Copy to :-
Chief Administrator/ GMADA
S.A.S. Nagar

Lt Gen (Retd) BS Dhaliwal
Advisor (Tech)

For information please

3/12/11
6/12

PROJECT REPORT BRIEF NOTE

REVISED DETAILED ESTIMATE FRAMED BY FR. ASHOK VIRDI DIVISIONAL ENGINEER (PH-2), GMADA, SAS NAGAR FOR THE AUGMENTATION OF WATER SUPPLY OF S.A.S. NAGAR BY BRINGING 80 MGD WATER FROM KAJAULI HEAD WORKS TO SAS NAGAR UNDER PHASE V & VI. (PART-A).

Rs. 195.57 Crores.

INTRODUCTION;

The scheme of Augmentation of Water Supply Scheme of SAS Nagar by bringing 40 MGD of Canal Water from Bhakhra Main Line at Kajauli Head Works was approved by the Hon'ble Chief Minister Punjab in the meeting held under his Chairmanship on 12-06-2010 at 5.00 PM with the Senior Officers of concerned Departments. Accordingly an estimate amounting to Rs. 148.85 crores was framed and was got technically cleared from the Technical Advisor to Hon'ble Chief Minister Punjab vide his office letter No. ATPB/ 13. GMADA dated 22-02-2011. To carry out the work tenders were floated and the contract was allotted to M/s WELSPUN Projects Ltd. Baroda, on 26-03-2011. But before the work could get start at site GMADA Authority took an other decision for laying bigger size pipe i.e. 2200 mm i/d to cater 80 MGD of water instead of laying 1600 mm i/d pipe to cater 40 MGD of water. It was all because that land available from the pre acquired strip was only for a single line and GMADA had to acquire an other strip of land for additional line if any to meet the rising demand of water in the GMADA area which is combursome job now a days. The decision for this was taken in the meeting held under the Chairmanship of Hon'ble Chief Minister Punjab on 31-10-2011 in the Senior officers of all concerned departments were present. The minutes of the meeting are attached in the estimate. The work already allotted to the agency has been cancelled.

As above the revised estimate was prepared for laying 2200 mm i/d MS pipe made out of 12 mm thick HR coil with 25 mm thick cement lining in side and 25 mm thick cement coating out side. All other components like Pump Chamber, Raw Water Storage Tank, Machinery, Office building and Staff Quarters etc. were same as per previous estimate of 40 MGD except DI butterfly valves and surge vessel. The revised admn. Approval on the basis of this estimate has been accorded by the Competent Authority for Rs. 196.19 Crores which has been circulated vide DE(HQ) GMADA office Endst. No. 4991-97 dated 04-05-2012. The tenders as per revised scope of work were floated and the contract has been allotted to M/s WELSPUN Projects Ltd. Baroda.

Now this detailed estimate amounting to Rs. 195.57 Crores has been prepared for getting the technical sanction from the competent authority. The brief specifications, rates, cost etc. has been explained as below:

SPECIFICATIONS:

The work will be executed as per Punjab P.W.D. specifications/ ISI specifications.

RATES:

As mentioned above the work has already been allotted to the contractual agency hence the rates for allotted work has been provided as per allotment. Other provisions have been taken only for estimating purpose.

COST

The estimated cost works out to Rs. 195.57 Crores including 3% provision for unforeseen items.

TIME

The work has been allotted to the contractual agency vide this office letter No. 554 dated 01-03-2012 for a time limit of 30 months. Hence the work will be completed accordingly.

FUNDS

Funds for this work will be borne by the GMADA from EDC charges and from own sources.

Divisional Engineer (PH-2),
GMADA, SAS Nagar.