

Punjab Road Sector Project – Phase II

Name of work: Construction of High Level Bridge over Satluj River (Including approaches on both sides) crossing Makhu to Sultanpur Lodhi Road near Gidarpindi (Balance Work).

Clarifications to the queries in the pre-bid meeting held on 09.10.2009 at 11.00 A.M. in the Committee Room of Punjab Infrastructure Development Board, SCO 89-90, Sector 34-A, Chandigarh. These clarifications of pre-bid meeting will form the part of DNIT. The list of agencies who attended the pre bid meeting is enclosed:

Sr. No.	Ref. Clause	Page No.	Description	Clarification required	Clarification
M/s Rajdeep Buildcon Pvt. Ltd., Ahmednagar					
1.	16.1	15	Bidding Document – Bid Security	General, Bid Security is accepted b other departments like NHAI, CPWD, PWD Gujarat, PWD Maharashtra, NBCC, RITES, INL, SIAL and other Govt./ Semi –Govt. , bodies, in the form of bank guarantee. Therefore, Bid Security shall also be accepted in the form of Bank Guarantee issued by Nationalized/ Scheduled Bank including ICICI Bank, Axis Bank, HDFC Bank etc.	As per DNIT
2.	47	79	Contract Data Adjustment Prices	In price adjustment formula basic index for labour, steel, bitumen, POL and Plant & Machinery and other material component is mentioned as 28 days preceding the date of opening of bids. As the date of opening of bid is not definite, it shall be 28 days preceding the date of submission of bids.	As per DNIT
3.	50.1	80	Bonus	As per the above clause Bonus is applicable if the work is completed within 10 months. The completion period is 16 months and accordingly the milestones are given in point No. 8 on page No. 93. Taking into account the quantum of work, it is not justifiable to complete the work within 10 months. Therefore, bonus shall be made applicable if the work is completed before 16 months.	As per DNIT
4.		92	Period of completion	Considering the scope and nature of work, the completion period of 16 months is insufficient, the same shall be revised to 24 months.	As per DNIT
5.	14	99		Please provide exact length of sinking casting of steining completed by previous contractor as it does not reflect from drawing. This is necessary to work out exact cost of balance work.	As per drawing & DNIT.
6.	1-B	110	Make of steel	As per this clause, reinforcement steel only from SAIL/ RINL/TATA is accepted The steel from these components in the required quantities is not made easily available. Therefore, steel supplied by authorized converters shall also be accepted.	As per DNIT
7.	13.4	114		Please specify zone.	As per DNIT
8.	14	115		Does it include well design also? Since wells are only to be provided as per approved drawing.	As per DNIT clarified at Page 96.
9.	14.3.2	115		As per first para, type of foundation shall be as per departmental drawing and hence second para is contradictory. Please clarify.	As per DNIT
10.	14.3.5	116		Is stepped stening thickness accepted?	As per DNIT
11.	16.2	118		Since guide bunds are covering Abutment locations spill through Abutments may please be allowed.	As per DNIT

12.	18.1	119		Should drawing of B & S. Engineering Consultants Private Ltd. No. BSEC/901/SD-0/Rev. R1 be considered as departmental drawing? Please state c/c of girders & cantilever since the above drawing not mention these vital dimension.	As per DNIT
13.	18.5	119		It is given that quotations for alternative designs if any should provide for the formation level as given in the design data. As offer is to be submitted based on contractor's own design except for completed structure, therefore said clause is contradictory. Please clarify.	As per DNIT
14.	18.7	119		This is contradictory to para 1 on page 96 scope of work where it states that wells are as per department design.	As per DNIT.
15.	19.7	121		GAD Drg.No. SCPL/773/R4/P&PR/ (1) does not shown any rcc wing walls. Please confirm no wing walls are to be provided.	As per DNIT.
16.	20	121		It is not clear that which and how many load tests are required to be carried out. Please clarify.	As per DNIT.
17.	27	123		It is presumed that this has to be provided as per departmental proposal?	As per DNIT.
18.	30.6	125		Semi Dense Bituminous Carpet As per the clause in the road crust the top layer is of Semi Denise Bituminous Carpet but in Drawing No. SCPL/RH/DPR/01 the top layer is of BC. Please clarify whether it is SDBC or BC.	It is SDBC as per DNIT.
19.	5(b)	131		Is minimum foundation for abutment also to be kept at 1805? Please confirm the allowable bearing capacity 65t/m2 is net bearing capacity.	As per DNIT.
20.	Sr. No. 2 Annex (B)	135		This is contradictory to statement in para 1 of page 96 where design of wells is not included in scope.	As per DNIT.
21.	Sr. No. 8 Annex (B)	135		Is lighting required to be provided on approaches?	
22.	-	4.8 sheet 8 of 20	Soil Report	Maximum scour level is given as 195.256, while design criteria Clause 5(a) page 131 gives this as 192 for piers and 202 for Abutment. Please clarify.	As per Clause 5 (a) Page 131 of DNIT.
23.				Design of Foundations The GAD and Designs of foundation have been approved and accordingly executed in parts by the previous contractor. Please clarify whether the bidder is required to redesign these components or design only structures like well cap, sub-structure, superstructure and well foundation for abutment.	As per DNIT. However, design of remaining components should be such that design of pier well foundations adopted is safe.
24.				Toll Plaza Proposed location of toll plaza, chainage, L Section and Cross Section of road shall be provided	As per DNIT and revised drawing uploaded
25.				Land for camping The land for camping labour, steel yard and establishment of plant shall be provided by PIDB free of cost.	The land should arranged by the contractor at his own cost.
26.				Soil Investigation: Permission for conducting soil investigation and design at our end for remaining location of well foundation shall be granted.	As per DNIT

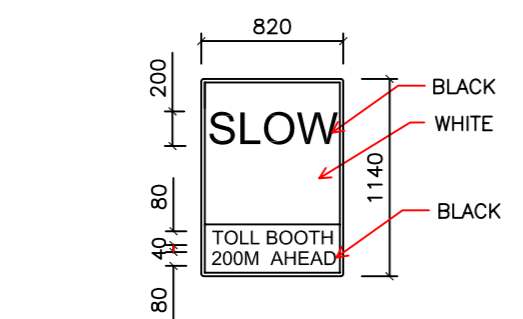
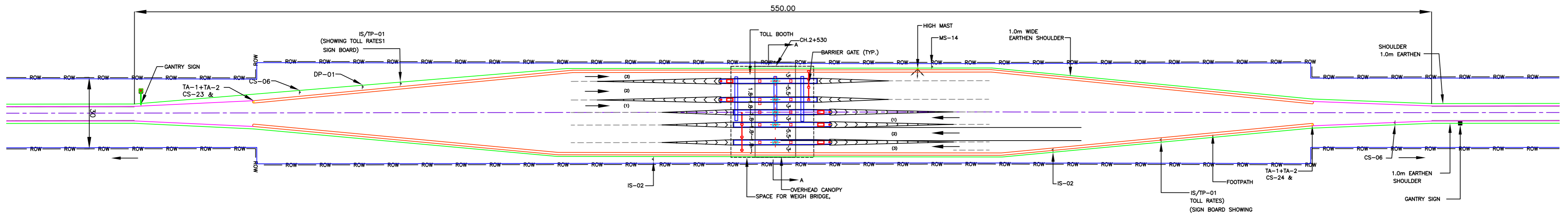
27.				<p>Billing schedule The bidder shall be allowed to submit billing schedule as per his costing break-up along with submission and in case of the successful bidder, the same shall be followed while executing.</p>	As per DNIT
28.				<p>General Department expects utilization of wells partly cast and sink. Please clarify the following points a) Have these well been approved? b) Has Col. 12 of page 114 considered in approval? c) Was 3 girder system for a total 12m deck width approved while approving wells? d) Were superstructure dimensions considered for wt in well design adequately assessed while approving well design? e) Please state whether wells satisfy all the design conditions laid down in present design criterion. In case the wells are found inadequate for the Contractor's design, what is to be done? Since as per scope of work, Section 3, page 95, para 2, Well foundations are to be provided only as per approved drawings.</p>	As per DNIT and design of remaining components shall be such that the design of pier well foundations adopted is safe.
29.				<p>Considering the ensuring Diwali Festival and the time required for site visit, preparation of design, the bidder will be unable to give proper justice for bidding in such short time. Therefore, the date of submission of bid shall be kept 15 days after issue of clarifications.</p>	As per DNIT
M/s Gammon India Ltd.					
1.		93-95	Contract Data	<p>Construction Period & intermediate milestone: Construction period 18 months instead of 16 months may please be considered. Further, the intermediate milestones as indicated in Section 4: Contract data shall not be insisted upon. Please confirm.</p>	As per DNIT
2.		106	Contract Data	<p>Mobilisation Advance: We request interest free mobilization advance equivalent to 10% of CV.</p>	As per DNIT
3.	16	15		<p>Earnest Money deposit: Earnest money deposit (EMD) in the form of bank guarantee may also be acceptable.</p>	As per DNIT
4.		105	Contract Data	<p>Security Deposit/ Retention Money: Retention Money (deductible from RA bills) may please be acceptable in the form of Bank Guarantee.</p>	As per DNIT
5.		106	Contract Data	<p>Secured Advance: We request you to provide 90% of cost of materials brought at site as secured advance.</p>	As per DNIT
6.	26	105		<p>Price adjustment: we request you to modify the percentages for Price adjustment as under instead of that indicated in tender document: Labour = 25%, Cement = 10%, Steel = 25%, Bitumen = 2%, POL = 6%, Plant & Machinery = 15%, Other materials = 17%.</p>	As per DNIT
7.		140		<p>Variation Schedule S-II for Extra work & Deviation For reduction in scope / quantity of work, the recovery shall be @ of 70% of the rate for extra work to cater for the fixed cost of the contractor.</p>	As per DNIT

8.	4.5 B (a)	26		Plant & Equipment to be deployed at site: Please confirm that the minimum no. of Plant & Equipment, especially Cranes for well sinking, given in Annexure I of tender document are not mandatory. The contractor can increase or decrease the numbers to suit the proposed construction program to complete the work in schedule contract period.	As per DNIT
9.				Suspension of work: In case of suspension of work, it shall be accounted for payment by the Employer.	As per DNIT
10.				Tender submission date: We request the department to extend the due date of submission of tender by at least two weeks from the date of receipt of clarifications to the above points in view of Diwali festival.	As per DNIT

(Daljit Singh)
Executive Engineer,
Provincial Division,
Pb. PWD B&R Branch,
Ferozepur

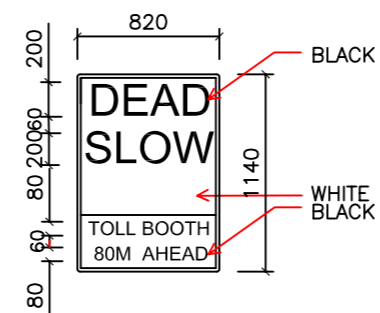
(I.S. Dhanoa)
Executive Engineer (IP),
Pb. PWD B&R Branch,
Chandigarh

(A.K. Goyal)
Chief Engineer (IP),
Pb. PWD B&R Branch,
Chandigarh



DEFINITION PLATE
SLOW:TOLL BOOTH 200m AHEAD

DP-01



DEFINITION PLATE
SLOW:TOLL BOOTH 80m AHEAD

DP-02

2120

PLEASE HAVE FEES READY

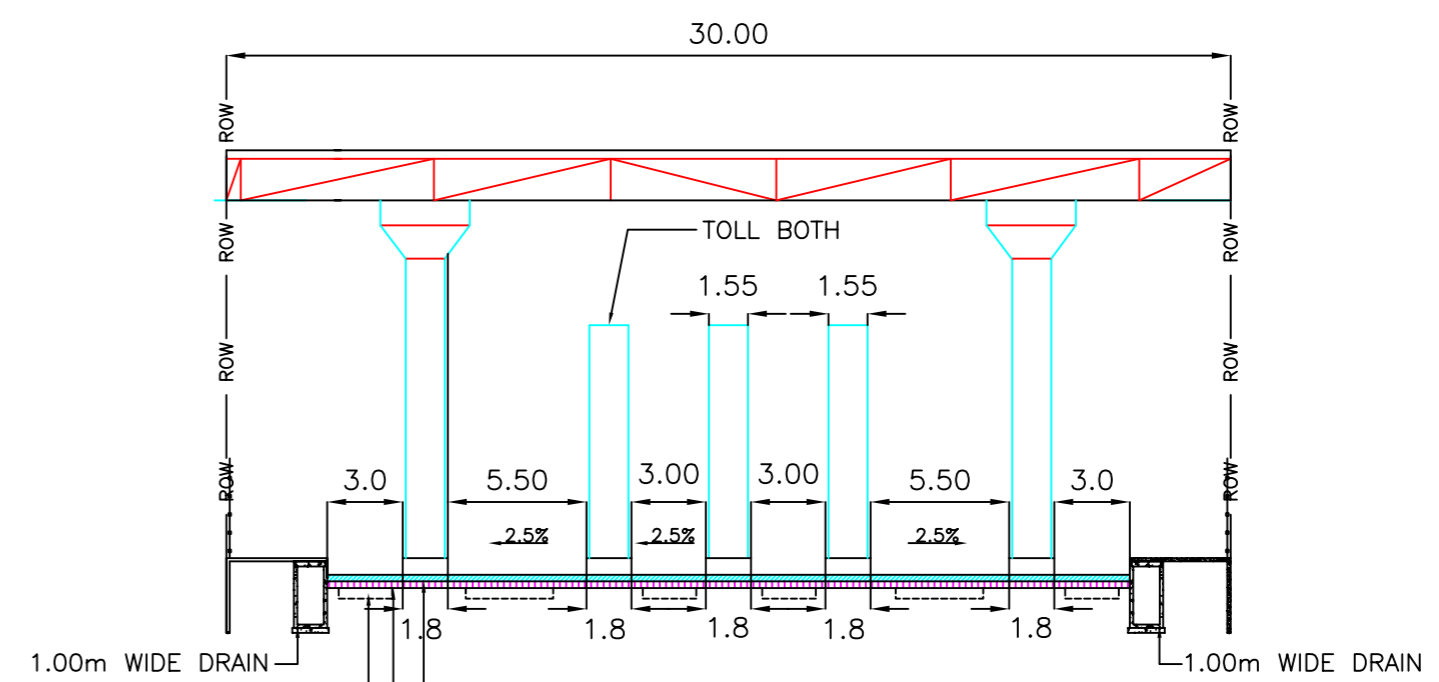
SCHEDULE OF FEES

TWO WHEELERS	RS.....
CARS AND JEEPS	RS.....
BUSES	RS.....
TRUCKS	RS.....
MULTI AXLE VEHICLES	RS.....

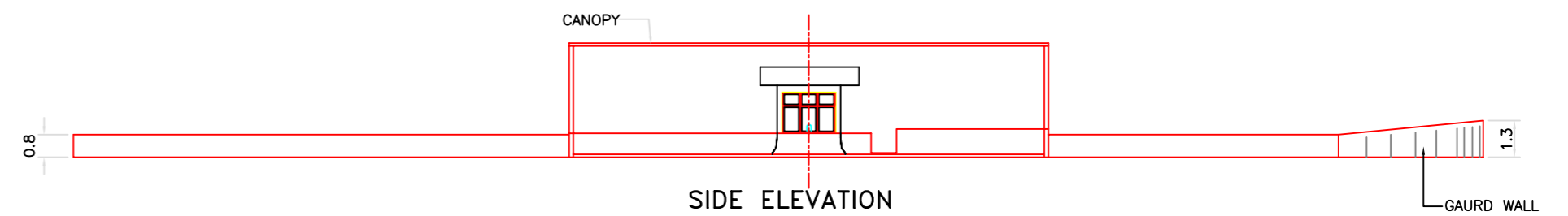
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SIGN BOARD SHOWING TOLL RATES

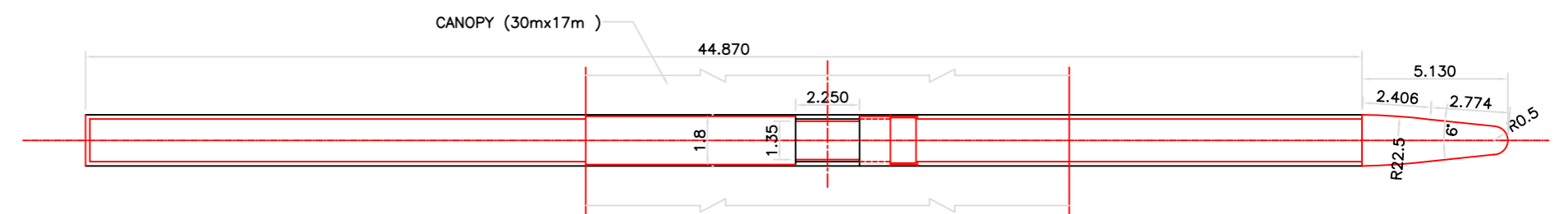
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SCHEMATIC CROSS SECTION A-A



SIDE ELEVATION



PLAN OF TOLL BOOTH ISLAND

DETAILS OF TOLL PLAZA
N.T.S