

HSCC/Safdarjung/Pkg-I/2013

Dated : 27.08.2013

To,

All Bidders

Amendment-II

Subject:- Package-I : Tender for Construction of Super Specialty cum New Paid Ward including Associated Services and Operation & Maintenance during Defect Liability Period at Safdarjung Hospital, New Delhi.

Sir,

This has reference to the pre bid meetings held on 22.08.2013 at 11:00 hrs (for Package – I works) for the subject works at HSCC corporate office, Noida,

The following **AMMENDMENT-II/CLARIFICATION-II** may be noted, which shall be treated as a part of the contract to be uploaded along with tender/contract :

Sl. No.	Pre-Bid meeting Queries raised by bidders	Clarifications
1	Mobilization Advance : Interest free Mobilization advance of 10 % of work should be payable at the time of award of work against BG which may be adjusted from out running account bills on pro-rata basis on the balance work after 30 % of the work is completed or after 3 rd RA bill whichever is earlier.	Shall be as per tender conditions
2	Equipment Advance : Since, this is highly mechanized project, 5 % Equipment Advance may also be paid.	Shall be as per tender conditions
3	Secured Advance : 90 % secured advance against the proforma invoice of cement and all kinds of steel may kindly be paid to us or directly to the suppliers, and for remaining materials, it may be paid to us as per tender documents	Shall be as per tender conditions
4	Payment : 75 % of the payment may be released within 5 days of the submission of the bill on ad-hock basis and balance after 10 days subject to the verification Minimum value of bill may be relaxed during the starting and ending months	Shall be as per tender conditions
5	Extension of Bid Submission : The bid submission date is 02/09/2013. This tender is of high value having many type of specialized items in MEP Services along with Civil items. Extend the	Refer Amendment - I (extended date of submission of bids on 10.09.2013 for package-I

	date of Submission at least by 2 weeks.	& 11.09.2013 for Package-II)
6	Annual Maintenance Cost (AMC): Annual Maintenance Cost (AMC) description is not found in Tech. Specs, so as to know the exact scope of AMC, provide the same.	Refer description of Part-B.
7	Space for Batching Plant & Labour hutments : suitable space for Batching Plant material, labour hutments & Temporary structures etc may kindly be provided at or near the site of work free of cost	Shall be as per tender conditions.
8	<p>Clause 1.4 (c) of Vol-I, similar works have been defined as project comprising construction of any multistoried RCC framed structure (minimum G+3) including internal and external finishing & services like plumbing, electrical HVAC, IT & External developmental works.</p> <p>The scope of IT works has however not been defined anywhere. Further, clause 1.25 on page 12 of the tender documents states that the work includes a number of specialized Electrical/Mechanical/Electronic/Medical Engineering services to be executed as integral parts of the project by engaging specialized agencies as provided in CPWD works manual 2007. Clause 1.26 stipulates that the bidder must associate with himself agencies otherwise eligible to tender for other components individually including specialized services.</p> <p>IT, as a specialized work, shall have to be executed only by a specialized agency. Further, work IT can have very wide connotation including both hardware and software which is generally not in the scope of project construction agency. The wiring part of the IT id generally covered under the subhead of Electrical works and is executed by a specialized agency.</p> <p>Including IT in the definition of similar works is creating a lot of confusion. Hence it is requested that the same may please be deleted.</p>	<p>The “Similar Works” shall now mean a Project comprising Construction of any Multistoried RCC framed structure (minimum G+3 storied or 15 meter excluding mumty / machine rooms) including internal & external finishing & services like plumbing, electrical, HVAC, & external development works etc. A Certificate from client for completion of work(s) must be submitted along with application against single work order. Own works / own certification of the agencies shall not be considered for prequalification.</p>
9	Bankers Certificate (Form T-1B) : The foot note (1) stipulates that the Bankers Certificate should be on the letterhead of the Bank, sealed in cover addressed to the tendering authority. Since the Bankers Certificate is to be submitted online, submission of the same in a sealed cover will not be possible and hence this stipulation should be removed.	Banker’s certificate shall be submitted online.
10	Form T 2 : As per foot note, copies of the work orders of the similar works completed during the last seven years should also be submitted. Since performance report from the client is being submitted for these works, kindly clarify if copies of their work orders, which could be voluminous, also need to be submitted.	Shall be as per tender conditions
11	Form T 4 (Performance Report) : Submitting performance	Shall be as per tender

	reports of all the similar works completed during the last seven years is fine but arranging performance reports for all the works under execution or awarded (as listed in form T-3) will not be possible. It is requested that this requirement may please be removed	conditions
12	The area for labour camp, material store and batching plant, etc will be provided by client	No space for labour camp will be provided. Spaces for batching plant, stores, offices etc may be identified by the bidder after site visit and to be established after approval of engineer in charge.
13	Since approvals for tree cutting from forest department and for fire fighting are to be obtained by the contractor, kindly clarify if the cost for the same will be paid by client as an extra item or should the cost be included in the bid prices.	Cost expenditure towards obtaining statutory clearances/permission will be reimbursed on submission of original bill/payment voucher.
14	The cost incurred for obtaining bore well permission to be reimbursed	Reimbursable on submission of original bill/voucher
15	Top soil preservation is required for Horticulture works but there is no item for the same in BoQ.	Shall be as per tender conditions
16	As per the item of earth work excavation total quantity is 4,01,978 cum whereas filling is 1,15,840 cum. The balance quantity is 2,86,138 cum. There is no item for disposal of surplus earth.	Shall be as per tender conditions
17	The PT slab consultant charges are to be borne by the client otherwise it should be loaded in the item of work	No payment towards PT slab consultant shall be made.
18	All testing charges for construction materials will be borne by the client. Kindly confirm	Shall be as per tender conditions
19	The bids have to be submitted for both PART A and PART B since PART B has been shown as optional	Bids have to be submitted for both Part A & Part B
20	Clause 1.4 (J) of Vol – I – Allow the bids from Joint ventures / Consortium to encourage more competition	Shall be as per tender conditions
21	Clause 21, Vol – III – Allow official sub contract of work up to 50 % as per FIDIC guide lines	Shall be as per tender conditions
22	Clause 1.4 Vol – I – Accept experience of Partners as prime contractor in joint venture project	Shall be as per tender conditions
23	Clause 1.4 C vol – I – Is the experience of construction of International Airport under “Commercial Buildings” category with all services like internal electrification, HVAC, Fire fighting, Lift, Plumbing, etc will be considered for eligibility criteria.	Shall be as per tender conditions

24	Clause 2.3.12 – Rate of item quoted under any section of BoQ is interchangeable and minimum rate quoted for the same item under any section will be taken for payment	Shall be as per tender conditions
25	Clause 2.3.20 v, Vol – I Employing PRW, to be left out of the gamut of this clause	Employing PRWs is exempted
26	Section III/5, Vol – I The Employer takes the responsibility of taking statutory approvals which are required to be taken before submitting our bid. If any utility found, shifting of under ground services will be done by contractor and payment will be made extra	Shall be as per tender conditions
27	Clause 5 a, Vol – III Bidder will calculate the price for temporary works, cycle time, etc based on the tender drawings issued. So we request to delete the following : Contractors quoted rate for any item should not be based on any measurement, quantity and specification from these drawings. Any claim raised by the contractor in this regard shall not be valid in this contract and shall not be accepted by the client.	Shall be as per tender conditions
28	Clause 5 c, Vol III Delete the requirement of polyester tracing film 75 micron	Shall be as per tender conditions
29	Clause 6 a Vol III. Make it 1 week instead of 4 weeks	Shall be as per tender conditions
30	Clause 6 b Vol III. Make it 1 week instead of 4 weeks	Shall be as per tender conditions
31	Clause 6 b Vol III. Consider that the contractor shall be compensated for idling of any resources due to such delay not attributable to contractor	Shall be as per tender conditions
32	Clause 16 c Vol III. Modify the clause as – the Engineer in-charge shall be entitled to have tests carried out as specified in the contract for any or material supplied by the contractor other than those for which as stated above, satisfactory proof has already been furnished , at the cost of the contractor and the contractor shall provide at his expense all facilities which the Engineer in-charge may require for the purpose. If no tests are specified in the contract and such tests are required by the Engineer in-charge the contractor shall provide all facilities required for the purpose and the charges for these tests shall be borne by the contractor only if the tests disclose that the said materials are not in accordance with the provision of the contract.	Shall be as per tender conditions
33	Clause 16 e iii Vol III. Only companies with 9001 quality system will be allowed to participate in bidding	Shall be as per tender conditions
34	Clause 21, Vol III Exempt Labour contract / PRWs from the purview of this clause.	Labour contract / PRWs are exempted
35	Clause 23 b Vol III. how this clause is relevant for decrease	Shall be as per tender

	in quantity	conditions
36	Clause 27 a Vol III. The certificate of completion mentioned over here is the Virtual Completion certificate mentioned in clause 25	yes
37	Clause 7 Vol II. To consider the following The 75 % of the net amount of the RA bill of undisputed rates and quantities of the items shall be released as adhoc payment within 3 working days after receipt of such bill by Engineer in-charge and balance payment shall be made by within 15 days from the date of receipt of bill by the Engineer in-charge, after such verification as is considered necessary.	Shall be as per tender conditions
38	Clause 9 Vol II. Make the payment within 2 months	Shall be as per tender conditions
39	As per SCC Cl 45, performance BG should be valid for three months while validity of performance BG at cl 1.1.2 of Vol I is mentioned as six months. Pl clarify	Performance BG validity is six months
40	The amount of bid security at Page 7 vol I, is mentioned as 439.00 lakhs while at cl 1.10 of Vol I, it is mentioned as 430 lakhs pl clarify	Amount of Bid security is Rs. 439.00 lakhs
41	Space for filling earth is available at site or not please clarify	Contractor has to visit site and make their own assessment
42	Space for batching plant, labour camp reinforcement and shuttering yard will be available at site pl clarify.	No space for labour camp is available. Contractor has to visit site and make their own assessment for the rest.
43	Service tax is applicable on this project	Applicable
44	Provide the soft copy of drawings and soil investigation report	Shall be as per tender conditions
45	Date and time for submission of Hard copy of prequalification	Shall be as per tender conditions
46	item 1.04 of electrical BoQ – class of insulation & size of Earth Bus bar	Insulation class B/H/F Size of Earth Bar As per CPWD Specification
47	Item 5.01 of Electrical BoQ – class of insulation & size of Copper Earth bus bar	Insulation class B/H/F Size of Earth Bar As per CPWD Specification
48	Item 23 of Electrical BoQ- Building Management System – list of approved makes and Technical specifications of BMS	Siemens, Honeywell , ABB , Schenider
49	Item 24 of Electrical BoQ – Access Control system – Provide the list of approved makes and Technical specifications of this system	Honeywell , Schenider, Lenel, Cardax
50	Sl no. 1 of Technical Specifications of electrical works –	Shall be as per tender

	Approved vendors of Main LT panels/main HVAC panel shall have their authorized system integrator / system house for manufacturer of LT panels with their designs. Provide approval of system house of approved vendors given in the tender document.	conditions
51	Sl no 2 of Technical Specifications of Electrical works – Approved vendors of 11 KV VCB panel boards shall have their authorized system integrator / system house for manufacturer of HT panels with their designs. Provide approval of system house of approved vendors given in the tender document.	Shall be as per tender conditions
52	Clause 38 of Technical specifications of Electrical works – Include Wipro/ Bajaj for Light fixtures	Shall be as per tender conditions
53	Clause 1 of Technical Specification of IT works –furnish the contact person / mobile no of M/s. Accenture/Siemens/TCS/Infosys/Capgemini	Bidders has to make their own survey.
54	Provide the Master Layout plan Earmarking the proposed buildings in order to plan the temporary facilities	Refer web site
55	Provide editable soft copy of the BOQ	Can not be provided
56	Provide soil investigation report	Will be provided to the successful bidder as per tender conditions
57	Section 7 Performa of schedules Vol – II. Waive off this clause for initial months & last three months	Shall be as per tender conditions
58	Clause 42.2.4 of Vol – III. Provide water and electricity at one point within the project boundary without any extra cost to us. Further distribution shall be done by us. You are also requested to give us permission to use the bore wells existing at site	Shall be as per tender conditions
59	Clause 42.2.5 of Vol - III. Area of site office and its requirements to be provided to the client / his consultant	Area of site office will be about 100 sqm., rest remains the same.
60	Payment clause, Vol – III. Modify this clause as given below : The amount which is due in respect of each statement other than the final statement shall be paid as i) 75 % of monthly invoice shall be paid within 7 days of from the date of submission of monthly invoice., ii) Balance 25 % shall be paid within 30 days of from the date of submission of monthly invoice including certification	Shall be as per tender conditions
61	Retention money clause Vol – III. Consider retention as 5 % of the contract price in the form of BG and having validity till completion of the project	Shall be as per tender conditions
62	Local body approvals Vol – III. Contractor shall obtain necessary construction related approvals only	Shall be as per tender conditions
63	Provide suitable land for setting up labour colony, batching plant, site infrastructure, etc in the vicinity of the site at free	Shall be as per tender conditions

	of cost to us	
64	Plumbing BOQ (2.23 MS structure angles). provide the detail drawings	Bidder has to provide the detailed shop drawings
65	Plumbing BOQ (2.32 WC connector). provide the make of WC connector socket for vitreous china & CI pipe) of EDPM good quality with poly propylene body	VIEGA or equivalent as approved by Engineer
66	Plumbing BOQ (3 water supply). confirm the CPVC grade SDR-11 or SDR-13.5	SDR-II
67	Plumbing BOQ (3.03 water supply external works). confirm the CPVC grade SCH-40 or SCH-80	SDR-II
68	Plumbing BOQ (3.06 gun metal gate valve). provide the pressure rating of the gun metal gate valve with CI wheel of approved quality (screwed end)	PN-16
69	Plumbing BOQ (3.26 thermal insulation). provide the make of the 9 mm thick thermal insulation tubing of electrometric flexible material on hot water supply	Shall be as per tender specifications.
70	Plumbing BOQ (3.27 pressure release valve). provide the make of pressure release valve of approved quality (screwed end) with adjustable pressure at out let and provision of measuring out let pressure.	Zoloto, Sant header, Castle
71	Plumbing BOQ (6.01 3 layer PP-R). provide the make of 3 layer PP-R pipes	Prince, Fusion, SFMC
72	Plumbing BOQ (2.29 HDPE pipes). in size 50 mm there is no 6 kg pressure pipe available as per IS 4427. The minimum pressure rating available is 1.5 kg/sqcm. Confirm the pressure rating.	Pressure as per DIN-19535 or IS-4427 for PE-80 Class
73	Plumbing BOQ (37 list of plumbing approved makes). As per the approved make list – Sosoon/Finolex/Gebriet/Nosil Finolex not manufacturing the HDPE pipes. send the revised make list for the items	Shall be as per tender conditions
74	Electrical BoQ (1.02 Transformer). Confirm the type of transformer. Whether indoor or outdoor type.	Indoor Type
75	Electrical BoQ (1.05 HT cables). Confirm whether the HT cables should be earthed or unearthed.	As per tender Specification
76	Electrical BoQ (8.01 wiring). Furnish the average length to be considered for point wiring.	As per tender Specification
77	Electrical BoQ (8.02 wiring). furnish the average length to be considered for point wiring.	As per tender Specification
78	Electrical BoQ (8.03 wiring). furnish the average length to be considered for point wiring.	As per tender Specification
79	Electrical BoQ (21.01 out door lighting). The BoQ calls for the swaged tubular poles but the technical specifications, vol	As per BOQ

	4 page E-213 calls for octagonal GI poles. Confirm the type of poles.	
80	Electrical BoQ (17.01 Lifts & Escalators). clarify the speed for each of the elevator (0.5 or 1 MPS).	As per BOQ
81	Electrical BoQ (17.01i Lifts & Escalators). clarify the speed for each of the elevator (0.5 or 1 MPS).	As per BOQ
82	Electrical BoQ (17.01ii Lifts & Escalators).clarify the speed for each of the elevator (0.5 or 1 MPS).	As per BOQ
83	Electrical BoQ (17.01 Lifts & Escalators). clarify the type of each of the Elevator (passenger type or hospital type)	Hospital Lift
84	Electrical BoQ (17.01ii Lifts & Escalators). clarify the type of each of the Elevator (passenger type or hospital type)	Hospital Lift
85	Electrical BoQ (17.01i Lifts & Escalators). clarify the type of operation for each of the Elevator (whether single automatic push button, simplex, collective selective, duplex collective selective or with / without attendant)	Simplex
86	Electrical BoQ (17.01ii Lifts & Escalators). clarify the type of operation for each of the Elevator (whether single automatic push button, simplex, collective selective, duplex collective selective or with / without attendant)	Simplex
87	List of approved makes for electrical works. to furnish the approved list of make for high mast	Shall be as per tender conditions
88	CLAUSE 49, list of approved makes for electrical works. confirm whether the make for UPS is Etone or Eaton.	EATON
89	Clause 2 list of approved make for electrical works. confirm system integrators of Siemens, ABB & Schneider for HT panels	As per tender Specification
90	HVAC BoQ Item no 1. confirm whether the water cooled chillers shall be provided with VSD or without VSD	Please refer BoQ item no. 1.1 (c).
91	HVAC BoQ Item no 5. confirm the static pressure of all AHUs as per the BoQ is external static pressure or total static pressure.	Total static pressure.
92	HVAC BoQ item 11. AHUs with fine / HEPA filters section with discharge plenum shall be of double tier type. confirm	Shall be as per tender conditions.
93	HVAC BoQ item 5.5. provide the static pressure of the unit	Static pressure of 25 mm.
94	HVAC BoQ item 6 (split air conditioner). Confirm the length of the refrigerant piping, power cabling and drain piping per unit.	Till 15 meter per unit .
95	HVAC BoQ item 11.1 (PHI system). Provide the capacity in CFM of PHI system for OT & wards.	Please refer tender drawings as per AHUs capacities.
96	HVAC BoQ item 11.2 (Ozone Injection system). provide the capacity of Ozone injection system	Please refer tender drawings.
97	HVAC BoQ item 22.3 (jet diffuser). Confirm the size of the jet diffuser.	Shall be as per tender conditions.
98	Clause 2.4 of HVAC Technical Specifications (Housing /	Density shall be 40 Kg/m ³ .

	casing). Confirm the polyurethane foam insulation density.	
99	Clause 2 of HVAC Technical Specifications (Fan coil units). Please provide the FCU construction details	Shall be as per tender conditions.
100	HVAC Technical Specifications (PAN type humidifier). Confirm the resin bonded fiberglass insulation thickness.	Shall be Not less than 25 mm thickness.
101	Clause 2 of HVAC Technical Specifications (duct materials). As per ASHRAE standards class VIII GSS sheets are with 175 GSM. clarify whether we have to follow as per BoQ or specifications	Shall be as per tender conditions
102	Clause 2.4 of HVAC Technical Specifications (Housing / casing). confirm the polyurethane foam insulation density.	Shall be as per tender conditions
103	HVAC list of approved makes. AHUs with cooling coils. Include makes Edgetech/ETA.	Shall be as per tender conditions
104	HVAC list of approved makes. FCUs. include Edgetech/ETA makes.	Shall be as per tender conditions
105	HVAC list of approved makes. VRV/VRF. include Mitsubishi/LG makes.	Shall be as per tender conditions
106	HVAC list of approved makes. Factory fabricated ducts. include camduct/radiant makes.	Shall be as per tender conditions
107	HVAC list of approved makes. Fire dampers UL listed. Include Airmaster make	Shall be as per tender conditions
108	HVAC list of approved makes. Butterfly valves. include intervalve/Honeywell/castle	Shall be as per tender conditions
109	HVAC list of approved makes. NRV. include Intervalve/Zoloto/castle makes.	Shall be as per tender conditions
110	HVAC list of approved makes. Samples and prototypes. Samples shall be submitted for the HVAC visible items inside the conditioned space like grills & diffusers & valves only.	Shall be as per tender conditions

111. The specification of temporary fencing may be added in clause no 42.2.6 of Vol-III of tender document as under:

“Providing and fixing and making 2.1M temporary fencing with 24 gauge GI corrugated sheets with 8mm dia. “L” hooks on MS steel structure frame work @ 12 Kgs/Sqm including pit excavation with cement concrete 1:4:8 pit filling(1cement : 4 coarse sand: 8 graded stone aggregate 40mm nominal size) or fixed in floor by suitable means and painting with primer to steel structure including the two or more coats or synthetic enamel paint outside (50% blue and 50% green synthetic enamel paint as directed by engineer over a coat of approved steel primer as per instruction of engineer complete. (After the successful completion of work all the temporary fencing will be dismantled/removed by contractor and all the dismantled/removed material from here shall be the property of the contractor)”.On all the fencing work the name of client and consultant will only appear and in no case the name of contractor is allowed on any board or sheets of fencing. The suitable place & size of board for the name of agency/agencies to be shown by Engineer The format of signboard & fencing board will be approved by Engineer.. The Contractor shall, except when authorised by the Engineer, confine his

men, materials and plant within the Site of which he is given possession. The Contractor shall not use any part of the Site for purposes not connected with the Works unless prior written consent of the Engineer has been obtained. Access shall be made to such areas only by way of approved gateways.

112. The addition/replacement of makes in the list of approved makes in CIVIL works of technical specification Vol-III may be noted as under :

Sl no	Description	Amended/makes
11	Existing clause : OPC 43 Grade Cement (Conforming to IS 8112)*- ACC, Ultratech, L&T, Birla Gold, JK, Ambuja, Shree Ultra	may be read as : OPC 43 Grade Cement (Conforming to IS 8112)*- ACC, Ultratech, L&T, Birla Gold, JK, Ambuja,
74.	AAC Block	As per approved sample and make as approved by Engineer in Charge

Other all terms & conditions of tender shall remain unchanged.

Prospective bidders are advised to regularly scan through HSCC web site as corrigendum/amendments etc., if any, will be notified on HSCC web site and separate advertisement will not be made for this.

Thanking you,

Yours faithfully,

(P.S.Rao)
Dy. General Manager (Civil)