

ADDENDUM/ CORRIGENDUM NO.7, DT 04-06-2009 TO THE BID NOTICE NO.702/CGM(T)/HGCL/DGM IV/08-09/30, DATED 24-02-2009

NAME OF THE WORK: “CONSTRUCTION OF EIGHT LANE ACCESS CONTROLLED EXPRESSWAY AS OUTER RING ROAD TO HYDERABAD CITY IN THE STATE OF ANDHRA PRADESH, INDIA IN THE STRETCHES FROM SHAMIRPET TO PEDDA AMBERPET – FROM KM 61.700 TO KM 95.000 (NORTHERN ARC)” BEING TAKEN UP WITH THE LOAN ASSISTANCE OF JAPAN INTERNATIONAL COOPERATION AGENCY UNDER PHASE-2 PROGRAMME –ID-P198

S.No	Clause	Content as per Bid Document	Addendum/ Corrigendum
1.	Clause 5.1(b), ITB Clause 5.9(n) (i) & (ii) of ITB Bid documents of ORR/JBIC/07-08 July 2008, Clause 5.9(n) (i) & (ii) of ITB and Clause 5.2 & 5.5	Clause 5.9 (n) ii Each of the other partners shall meet individually not less than 25 percent of all the qualifying criteria given in Sub Clause 5.1 & 5.2	To be read as “ Each of the other partners shall meet individually not less than 25% of all the qualifying criteria given in Sub Clauses 5.1(a), 5.1 (c), 5.2 and 5.5 above”
2.	Volume I, Invitation for Bids IFB Bid Notice No. 702/CGM(T)/HGCL/DGM IV/08-09/30 Dated 24-02-2009 (a)Clause 10	The last date & time for receipt of bids is 16-04-2009 upto 15.00 hrs IST	To be read as The last date & time for receipt of bids is 19-06-2009 upto 13.00 hrs IST
	(b) Clause 11	The Initial filtering Envelopes of the qualified bidders will be opened at 15:30 hrs on 16-04-2009	To be read as The Initial filtering Envelopes of the qualified bidders will be opened at 15:30 hrs on 19-06-2009
3.	Volume III BOQ Item No. 9.07 Mobile Cell Phone.	The unit specified as “Sets”	To be read as: Set months
4.	Volume III, BOQ Item No. 5.06 PCC in open foundation.	Providing and laying Plain Cement Concrete in open foundation & substructure excluding cost of steel complete as per drawing and Technical Specifications Section 1500, 1700, 2100 & 2200	To be read as: Providing and laying Plain Cement Concrete in open foundation & substructure complete as per drawing and Technical Specifications Section 1500, 1700, 2100 & 2200
5.	BOQ Item No.4.09	Providing and Laying cement concrete wearing	Revised Drawing is enclosed

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		coat M30 grade including reinforcement complete as per Drawing and Technical Specification 2702.	HGCL/ORR/JICA/Phase-2/MISC/27 now uploaded.
6.	BOQ Item No.7.02	Providing and Laying NP-4 pipes of 1000mm dia for utility culverts at junctions complete as per Drawing and Technical Specification 2900 and IRC: SP 13-1973.	Revised Drawing is enclosed HGCL/ORR/JICA/Phase-2/MISC/25
7.	BOQ Item No.9.02 Volume IV. Drawing No. HGCL/ORR/JICA/Phase-2/Package IV/MISC/013.	The grade of concrete for kilometer stone, Fifth kilometer stone as PCC or RCC?	Refer Drawing No. HGCL/ORR/JICA/Phase-2/ MISC/013 now uploaded.
8.	Volume IV Drawing No. HGCL/ORR/JICA/Phase-2/Package IV/MISC/013.	The reinforcement details for 200m stone.	Revised Drawing is enclosed HGCL/ORR/JICA/Phase-2/MISC/013 now uploaded.
9.	Volume I Clause 17.2 of ITB Page No. 30.	The Bid Security shall, at the bidders option, be in the form of a certified cheque, Bank draft, standby letter of credit, guarantee issued by a reputable bonding, insurance or surety company.	To be read as: The Bid Security shall, at the bidders option, be in the form of a certified cheque, Bank draft, standby letter of credit, guarantee issued by a reputable bank, bonding, insurance or surety company.
10.	Volume II, Clause 107.3 of Technical Specifications, Page No. 170.	Para 1: Two copies of design drawings, on the basis of which actual execution of the work to be preceded shall be given to the contractor by the Engineer progressively according to the work programme submitted by the Contractor and approved/accepted by the Engineer. Drawings of particular activity shall be issued to the Contractor at least 21 days in advance of the scheduled date of the start of the activity.	To be read as: Two copies of design drawings, on the basis of which actual execution of the work to be preceded shall be given to the contractor by the Engineer progressively according to the work programme submitted by the Contractor and approved/accepted by the Engineer. Drawings of particular activity shall be issued to the Contractor at least 30 days in advance of the scheduled date of the start of the activity.

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11.	Volume II, Clause 1009.3 & 1602 of Technical Specifications Page No. 258.	“Reinforcement shall be thermo mechanically treated (TMT) deformed bars of grade Fe415 conforming to IS: 1786. only uncoated steel shall be used as reinforcement unless specified”	To be read as: “Reinforcement shall be thermo mechanically treated (TMT) deformed bars of grade Fe415/Fe 500 conforming to IS: 1786. Only uncoated steel shall be used as reinforcement unless specified”
12.	Volume III C Sample form for PQ Form III & IV page No. 467-468.	Undertaking to be submitted for making available the required staff and equipments.	Refer attachment Nos.1 & 2 now uploaded.
13.	Volume III B & IV BOQ Item No. & Drawing no. HGCL/ORR/STR/SD-01.	BOQ Item No. 6.11 mentions the wearing course, comprising of 50mm asphalt concrete over 15mm thick mastic asphalt on top of deck slab including cost of prime coat whereas the drawing no. HGCL/ORR/STR/SD-01 in the general notes 2.2 b & c mentions wearing course with bituminous concrete of 40mm and mastic asphalt of 25mm.	Wearing coat shall be 50mm of BC over 15mm of mastic asphalt as per Revised Drawing No. HGCL/ORR/STR/SD-01 being issued.
14.	Volume I Clause 60.5 & 60.6 of COPA Page No. 103-104.	Form of bank guarantee for replacement of retention money.	Refer attachment No.3 now uploaded.
15.	Volume II Page 234 Clause 809.	The concrete barrier shall be constructed with grade and concrete as indicated in the drawing and with thermo mechanically treated (TMT) deformed bars of grade S 415 conforming to IS: 1786	To be read as The concrete barrier shall be constructed with grade and concrete as indicated in the drawing and with thermo mechanically treated (TMT) deformed bars of grade Fe415 / Fe500 conforming to IS: 1786
16.	Volume IV, Bridge Drawings. Keesara Rotary – Founding level	-----	Revised Drawing No.HGCL/ORR/PKG-V/STR/ROT/72910-73030/101.
17.	Volume III Page No. 430, Clause No. 6.26. Gabion retaining wall.	Providing and construction of a gabian structure for retaining earth with segments of wire crates of size 7m x 3m x 0.6m each divided into 1.5m compartments by cross netting, made from	To be read as: Providing and construction of a gabian structure for retaining earth with segments of wire crates of size 7m x 3m x 0.5m each divided into 1.5m compartments by cross netting, made from

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		4mm galvanized steel wire @ 32kg per 10 sqm having minimum tensile strength of 30 Mpa confirming to IS:280 and galvanizing coating conforming to IS: 4826, woven into mesh with double twist, mesh size not exceeding 100 x 100mm, filled with boulders with least dimension of 200mm, all loose ends to be tied with 4mm galvanized steel wire as per drawing and Technical Specifications Clause 2503.3	4mm galvanized steel wire @ 32kg per 10 sqm having minimum tensile strength of 30 Mpa confirming to IS:280 and galvanizing coating conforming to IS: 4826, woven into mesh with double twist, mesh size not exceeding 100x100mm, filled with boulders with least dimension of 200mm, all loose ends to be tied with 4mm galvanized steel wire, with shotcrete finish and with geotextile separator including geogrid reinforcement as per drawing and Technical Specifications Clause 2503.3.
18.	BOQ item No. 9.20	Construction of Administrative Block & Toll booth buildings including arrangement of electric supply. All Electrical items like fans, Lights Socket receptacles, and Complete wiring, with requisite earthing, providing fire alarm and fighting system like smoke detector, electric hooter with battery back-up cabling and CO ₂ hand extinguisher, providing water supply including all pipes, fittings, tanks, tube wells, pumps, valves etc. complete with septic tank, sewer lines, etc all complete as per drawing and Additional Technical Specifications. (a) Administrative block (6.1 x 2.43) + Change Rooms (12.2 x 2.43) (b) Single Toll booth.	To be read as: Construction of Administrative Block & Toll booth buildings including arrangement of electric supply. All Electrical items like fans, Lights Socket receptacles, and Complete wiring, with requisite earthing, providing fire alarm and fighting system like smoke detector, electric hooter with battery back-up cabling and CO ₂ hand extinguisher, providing water supply including all pipes, fittings, tanks, tube wells, pumps, valves etc. complete with septic tank, sewer lines, etc all complete as per drawing and Additional Technical Specifications. (a) Administrative block 150 Sqm (b) Single Toll booth.
19.	Item No. 6.24, BOQ	Providing HDPE Service pipe of 150mm dia (5.30mm thick) of approved quality in footpath complete as per Drawings and directions of the Engineer	To be read as: Providing HDPE Service pipe of 160mm dia (7.70mm thick) of approved quality complete as per Drawings and directions of the Engineer
20.	Volume III BOQ Item No. 9.23(b) Page No.		To be read as:

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	438. M-15 Grade Hazardous Chemical Holding Tank Ref Dwg No. HGCL/ORR/JICA-PHASE-2/PACKAGE-IV/MISC/017	Construction of reinforced concrete M-15 grade Hazardous Chemical Holding Tank of suitable size at the locations approved by the Engineer, as per Drawing and Technical Specifications 1500, 1600, 1700 & 1900.	Construction of reinforced concrete M-20 grade Hazardous Chemical Holding Tank of suitable size at the locations approved by the Engineer, as per Drawing and Technical Specifications 1500, 1600, 1700 & 1900.
21.	Volume III BOQ Item No. 9.22 Page No. 437.	Providing and casting M-20 guard post 200mm x 200mm x 650mm length including reinforcement 4 nos. 12mm dia TMT Vertical bars and 4 nos. 8mm dia TMT stirrups	Refer Drawing No. HGCL/ORR/JICA/Phase-2/ MISC/013 now uploaded.
22.	Volume I, ITB Clause 5.7	The base year shall be taken as 2007-08.	To be read as: The base year shall be taken as 2008-09
23.	Volume I, ITB Qualification Questionnaire, Page No. 52, Clause 15 C	Annual financial turnover as on 31.03.2008 for the last 5 years (in terms of Rupee equivalent adjusted to 31.03.2008 by assuming 10% escalation for Indian Rupee and 2% for foreign currency per year, along with audited copy certified by Chartered Accountant for Annual financial turnover of last 5 years for execution of similar nature of works- Refer ITB Para: 5.9.	Annual financial turnover as on 31.03.2009 for the last 5 years (in terms of Rupee equivalent adjusted to 31.03.2009 by assuming 10% escalation for Indian Rupee and 2% for foreign currency per year, along with audited copy certified by Chartered Accountant for Annual financial turnover of last 5 years for execution of similar nature of works- Refer ITB Para: 5.7.
24.	Volume I, ITB Qualification Questionnaire, Annexure 2A & 2B	'as on 31-03-2008'	To be read as: 'as on 31-03-2009'
25.	Volume I, ITB Qualification Questionnaire, Annexure 4A	Financial Year 2003-04 2004-05 2005-06 2006-07 2007-08	To be read as: Financial Year 2004-05 2005-06 2006-07 2007-08 2008-09
26.	Volume II & IIIB Clause 2702.12 of		To be read as:

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	Technical specification & BOQ Item 5.15, Page No.294	Providing and laying wearing course comprising of 50mm Bituminous concrete on top of deck slab including cost of tack coat, using modified bitumen meeting the requirements given in table 500-29, laid to the required level and slope after cleaning the surface, all complete as per clause 503, 509, 521, & 2702.	Providing and laying wearing course comprising of 50mm Bituminous concrete on top of deck slab including cost of tack coat, using modified bitumen meeting the requirements given in table 500-29, laid to the required level and slope after cleaning the surface, all complete as per clause 503, 509 & 521.
27.	BOQ item No.2.02d	Rebate towards the excavated useful hard rock available under item nos.202.	To be read as: Rebate towards the excavated useful hard rock available under item no.2.02
28.	BOQ 5.01e	Rebate towards the excavated useful hard rock available under item nos.501	To be read as: Rebate towards the excavated useful hard rock available under item no.5.01
29.	BOQ item 9.13 Chain link fencing	-----	Refer Drawing No. HGCL/ORR/JICA/Phase-2/ MISC/019 now uploaded.
30.	BOQ item No.7.10 Footpath	-----	Refer Drawing No. HGCL/ORR/JICA-Phase-2/Package/MISC/026 now uploaded.
31.	Volume I & III C Clause 10 of COPA Form of Performance Security; Page No. 82-83 & 451-452.	Para 2(b) The Guarantor shall not be discharged or released from his guarantee by an arrangement between the Contractor and the Employer, with or without the consent of the Guarantor, or by any alteration in the obligations undertaken by the Contractor, or by any forbearance on the part of the Contractor, whether as to payment, time, performance, or other wise, and any notice to the Guarantor of any such arrangement, alteration, or forbearance is hereby expressly waived.	To be read as: Para 2(b) The Guarantor shall not be discharged or released from his guarantee by an arrangement between the Contractor and the Employer, with or without the consent of the Guarantor, or by any alteration in the obligations undertaken by the Contractor, or by any forbearance on the part of the Contractor, whether as to payment, time, performance, or other wise, and any notice to the Guarantor of any such arrangement, alteration, or forbearance is hereby expressly waived.

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		This Guarantee shall be valid until a date 28 days from the date of issue of the Taking-Over Certificate.	This Guarantee shall be valid until a date 28 days after the issue of defects liability certificate. Please refer attachment Nos. 4 & 5
32.	ITB Clause 3 6.1	Within 28 (twenty eight) days of the date of receipt of the Letter of Acceptance, the successful bidder shall deliver to the Employer, a Performance Security in the form of a Bank Guarantee given in Section 8 for an amount equivalent to 10% (ten percent) of the Contract Price plus additional security for unbalanced bids in accordance with Sub Clause 31.6 and relevant Conditions of Contract	To be read as: Within 28 (twenty eight) days of the date of receipt of the Letter of Acceptance, the successful bidder shall deliver to the Employer, a Performance Security in the form of a Bank Guarantees given in Section 8 for an amount equivalent to 10% (ten percent) of the Contract Price plus additional security for unbalanced bids in accordance with Sub Clause 31.6 and relevant Conditions of Contract. The Performance Security shall be submitted in the shape of two bank guarantees each for an amount equivalent to 5% of the contract price.
33.	<u>Vol I, Conditions of Particular Application</u> Sub-Clause 10.2 Period of Validity of the Performance Security	The performance security shall be valid until a date 28 days from the date of issue of the taking over certificate in the case of a Bank Guarantee. The security shall be returned to the Contractor with in 28 days of expiry of validity period of performance security or final payment by the Employer pursuant to Sub-Clause 60.12, whichever is earlier. The cost of complying with the requirements of this Clause shall be borne by the Contractor	To be read as: a) The Bank Guarantee submitted for one half of the Performance Security shall be valid until a date 28 days from the date of issue of the Taking Over Certificate. The same shall be returned to the Contractor with in 28 days of expiry of validity period b) The Bank Guarantee for second half of the Performance Security shall be valid until a date 28 days from the date of issue of the defects liability certificate. The same shall be returned to the Contractor after issue of defects liability certificate by the Employer. c) The cost of complying with the

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			requirements of this Clause shall be borne by the Contractor.
34.	BOQ Item No. 8.07 a) The length of channel kerb between two Chute Drains to be considered. b) Drawing of Toe Wall. c) Drawing of Rip – Rap Stone Pitching	-----	Refer Drawing No. HGCL/ORR/JICA/Phase-2/ MISC/018 now uploaded.
35.	<u>Volume II, Clause 503.2, Page No. 214.</u>	“The binder used for tack coat shall be bitumen emulsion complying with IS 8887 and CSS-I grade conforming to ASTM D 2397/ AASHTO M 140”. Whereas Annexure A of IS 8887 recommends RS-I grade for tack coat applications. Kindly confirm whether CSS-I as per ASTM D 2397 or RS-1 as per IS 8887 to be used for tack coat as the price difference between these is large.	To be read as: The binder used for tack coat shall be bitumen emulsion RS-I grade as per IS-8887
36.	<u>Volume II, Page No. 218, Clause 508.9</u> BOQ Item No. 4.05	Providing and laying Semi-dense Bituminous Concrete including cost of cleaning and applying tack coat as per the direction of the Engineer and as per Technical Specifications Clauses 503 and 508.	To be read as: Providing and laying Semi-dense Bituminous Concrete as per the direction of the Engineer and as per Technical Specifications Clause 508.
37.	Volume I, Clause 3.1; Eligible bidders	-----	Add 3.1(a) as under: A bidder (including all members of a joint venture) shall be from an eligible source country as listed in Section 6; and
38.	Volume IV Drawing No. HGCL/ORR/JICA-Phase-2/Package-IV /MISC/018	The referred drawings for chutes shows the arrangement of opening in the central median as varying from 450 – 750mm, whereas in the cross section of the same shows that the wall varies from 100 – 150mm with the opening	Refer revised Drawing No. HGCL/ORR/JICA-Phase-2/Package-IV /MISC/ 18 now uploaded.

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		fixed at 600mm. kindly clarify the discrepancy.																									
39.	Volume III & IV, BOQ Item No. 9.05 (a) & Drawing No. HGCL/ORR/JICA-Phase-2/Package-IV /MISC/004 & 010	The BOQ item No. 9.05 a) mentions “Four lane overhead Tubular Gantry Signs with retro reflective sheeting of area 31.05 sqm” i.e., with the width of the board as 1.5m as shown in the referred drawing, the length comes to 20.70m whereas in the drawing no.HGCL/ORR/JICA-Phase-2/Package-IV/ MISC/010, the length of the truss is mentioned as only 12000/15000mm. Kindly remove this discrepancy and revise the drawings.	Refer revised Drawing HGCL/ORR/JICA-Phase-2/Package-IV/(MISC/ 10																								
40.	Volume III BOQ Item No. 6.13 b	b) Buried expansion joint as per Clause 2604.	To be read as: b) Filler type expansion joint as per Clause. 2605																								
41.	Dwg no: HGCL/ORR/STR/SD-08. BOQ item no 8.10	The referred drawing shows only the general arrangement for reinforced soil retaining wall; kindly provide the schedule of the reinforced earth retaining walls containing the height and length of wall for all the three packages.	The plan and profile Drawings may be referred for heights of RE walls in the following chainages <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2">PACKAGE-I</th> <th colspan="2">PACKAGE-II</th> <th colspan="2">PACKAGE-III</th> </tr> <tr> <th>FROM</th> <th>TO</th> <th>FROM</th> <th>TO</th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>62.800</td> <td>63.360</td> <td>72.660</td> <td>72.890</td> <td>83.000</td> <td>83.060</td> </tr> <tr> <td>67.320</td> <td>67.550</td> <td>72.990</td> <td>73.300</td> <td></td> <td></td> </tr> </tbody> </table>	PACKAGE-I		PACKAGE-II		PACKAGE-III		FROM	TO	FROM	TO	FROM	TO	62.800	63.360	72.660	72.890	83.000	83.060	67.320	67.550	72.990	73.300		
PACKAGE-I		PACKAGE-II		PACKAGE-III																							
FROM	TO	FROM	TO	FROM	TO																						
62.800	63.360	72.660	72.890	83.000	83.060																						
67.320	67.550	72.990	73.300																								

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			75.110	75.190	85.540	85.990
			75.280	75.470	86.030	86.350
			75.530	76.050	86.690	86.930
			79.020	79.060	87.040	87.120
			79.300	79.390	89.720	89.890
			79.840	79.880	90.050	90.100
			80.080	80.120	90.460	90.500
			80.150	80.830	91.070	91.140
			81.280	81.350	91.190	91.310
			81.380	81.610	92.020	92.060
			81.720	82.070		
			82.600	82.670		
			82.720	83.000		
42.	Volume II & III BOQ Item No. 6.25 and Additional Technical specification clause no. A-16	Para 7: “The payment for void former shall not be made separately. It is deemed to have been included in the concrete rates for voided slab”.	To be read as: The quantity of voided slab concrete shall be paid under BOQ item No. 6.07 / 6.08. Payment for void former shall be made as per BOQ item no.6.25.			
43.	Volume III & IV BOQ Item No. 6.15 b and Drawing No. HGCL/ORR/PKG-V/STR/INT/ GHATKESAR/MC06-1/108, HGCL/ORR/PKG-V/STR/INT/ GHATKESAR/81855/108, HGCL/ORR/PKG-V/STR/INT/ GHATKESAR/MC05-2/106,	Providing and fixing bearings complete as per Drawings and Technical Specifications Section 2000. b) Knuckle Bearing (POT TYPE) as per IRC-83 Part-I, Clause 904 and as per T.S. Clause 2003.2 (b)150.0-200.0MT capacity	To be read as: Providing and fixing bearings complete as per Drawing and Technical Specifications Section 2000. b) POT/ PTFE TYPE Bearings as per IRC-83 Part-III, Clause 923 and as per T.S. Clause 2006.			

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	HGCL/ORR/PKG-V/STR/ MIB/80680/S-107		