HARYANA RAIL INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED

(A Joint Venture Govt. of Haryana and Ministry of Railways)
IRCON International Tower-2, Plot No. 16, Sector-32, City: Gurugram, Zip code: 122003, Country: INDIA
Telephone: +91 9079360542, E-mail: horc.etendering@gmail.com , Website: www.hridc.co.in

Tender No.: HORC/HRIDC/C-6/2024 **Date: 22.05.2024**

Reference: Specific Procurement Notice dated 06.03.2024

CORRIGENDUM NO. 4

Name of Work: Contract Package C-6: Design and Construction of Civil Works (Earthwork, Bridges, Station Buildings, Retaining Walls & other miscellaneous Works) and General Electrical Services works from km 61.50 to km 126.03 between HORC station New Patli and IR station Harsana Kalan and connectivities from Badsa Station of HORC to existing IR Sultanpur station and Mandothi station of HORC to existing IR Asaudah Station in connection with laying of New BG Double Railway line of HORC Project.

S. No.	Tender Document Part / Section/ Clause No.	Description of Existing Clause	Modified Description of Existing Clause / New Clause
1.	Corrigendum No. 3, S. No. 11, Final Tender Document, Part 1, Section II-TDS, Sub-Clause ITT 21.4, Para E, Downloading of Tender Documents	The detailed Tender Document can be downloaded free of cost from the eProcurement portal https://etenders.hry.nic.in from **12.03.2024** (17:00 Hrs. IST) to **31.05.2024** (15:00 Hrs. IST.)	The detailed Tender Document can be downloaded free of cost from the eProcurement portal https://etenders.hry.nic.in from **12.03.2024** (17:00 Hrs. IST) to ***10.06.2024*** (15:00 Hrs. IST.)

S. No.	Tender Document Part / Section/ Clause No.	Description of Existing Clause	Modified Description of Existing Clause / New Clause
2.	Corrigendum No. 3, S. No. 11, Final Tender Document, Part 1, Section II-TDS, Sub-Clause ITT 22.1	**Replace ITT 22.1 with the following:** The Tender submission is through the eProcurement portal only (i.e. https://etenders.hry.nic.in) as specified in ITT 21.1 The Tenderer shall submit its Tender before expiry of the date and time for tender submission as specified herein. **The start date for Tender submission is:** **Date: 22.05.2024** **Time: 11.00 hrs. IST** **The deadline for Tender submission is:** **Date: 31.05.2024** **Time: 15.00 hrs. IST**	**Replace ITT 22.1 with the following:** The Tender submission is through the eProcurement portal only (i.e. https://etenders.hry.nic.in) as specified in ITT 21.1 The Tenderer shall submit its Tender before expiry of the date and time for tender submission as specified herein. **The start date for Tender submission is:** **Date: 22.05.2024** **Time: 11.00 hrs. IST** **The deadline for Tender submission is:** **Date: *10.06.2024*** **Time: 15.00 hrs. IST**
3.	Corrigendum No. 3, S. No. 11, Final Tender Document, Part 1, Section II-TDS, Sub-Clause ITT 25.1	The Employer shall conduct the electronic opening of Technical Part on eProcurement portal on the date, time and place as specified below: **Street Address**: Haryana Rail Infrastructure Development Corporation Limited (HRIDC), IRCON Tower-2, 3rd Floor, Plot No.16, Sector-32 **Floor/ Room number**: 1st floor **City**: Gurugram **Zip code**: 122003 **Country**: INDIA **Date**: **31.05.2024** **Time**: **1530 Hrs. IST**	The Employer shall conduct the electronic opening of Technical Part on eProcurement portal on the date, time and place as specified below: **Street Address**: Haryana Rail Infrastructure Development Corporation Limited (HRIDC), IRCON Tower-2, 3rd Floor, Plot No.16, Sector-32 **Floor/ Room number**: *3rd* floor **City**: Gurugram **Zip code**: 122003 **Country**: INDIA **Date**: ***10.06.2024*** **Time**: **1530 Hrs. IST**

S. No.	Tender Document Part / Section/ Clause No.	Description of Existing Clause	Modified Description of Existing Clause / New Clause
4.	Corrigendum No. 3, S. No. 11, Final Tender Document, Part 1, Section VII 2: Employer's Requirements – Functional, Sub-Clause 2.2 a)		**Add the following Note at the end of Sub-Clause 2.2 a)** ***Note:*** ***For the formation executed under Sch B, the slope protection will be done through*** *Jute Geotextile of Type 2 in accordance with RDSO guidelines No. RDSO/2007/GE:G-0008 with latest* ***amendments,*** *The payment for such protection work through Jute Geo textile including incidental earthwork and its fixing arrangements shall be made @ INR 61/sqm of slope protected.*
5.	Corrigendum No. 3, S. No. 11, Final Tender Document, Part 1, Section IV-Tender Forms, Appendix B to Financial Part: Price Schedules and Financial Part Pdf file, Sub-Clause 6.14 Sub-Schedule 'B14': P Way Works-Ballastless Track, Rails & Special Sleepers (NS items), S. No. 186, NS Item No. NS-22, Column No. 3, Description of Item	Construction of Transition system of ballastless track to ballasted track on bridge approach including linking of track with 60 Kg rails in LWR including, supply and fixing of rail fittings/ fastening, Construction of derailment guard , as per design approved by the Engineer. The item include supply and leading of all material, labour and tools & plants as a complete job including welding of track in LWR, destressing, drainage arrangement as per the approved drawing complete in all respect. Nothing extra shall be paid. Note:- 1- Supply of 60 Kg 350 R Rails shall be paid under item no NS-25 of this Sub-Schedule	Construction of Transition system of ballastless track to ballasted track on bridge approach including linking of track with 60 Kg rails in LWR including, supply and fixing of rail fittings/ fastening, Construction of *RCC subbase slab, track slab,* derailment guard, as per design approved by the Engineer. The item include supply and leading of all material, labour and tools & plants as a complete job including welding of track in LWR, destressing, drainage arrangement as per the approved drawing complete in all respect. Nothing extra shall be paid. Note:- 1- Supply of 60 Kg 350 R Rails shall be paid under item no NS-25 of this Sub-Schedule

<table>
<tr><th>S. No.</th><th>Tender Document Part / Section/ Clause No.</th><th>Description of Existing Clause</th><th>Modified Description of Existing Clause / New Clause</th></tr>
<tr><td>6.</td><td>Corrigendum No. 3, S. No. 11, Final Tender Document, Part 1, Section VII-6: Employer’s Requirements - Outline Construction Specifications (OCS) – Civil & BLT, Sub-Clause 7.3.24, first paragraph</td><td>NS Item No.22: Transition of Ballastless Track (BLT) To Ballasted Track On Bridge Approaches
Construction of Transition system of ballastless track to ballasted track on bridge approach including linking of track with 60 Kg rails in LWR including, supply and fixing of rail fittings/ fastening, Construction of derailment guard as per approved Design & Drawings. The item includes supply and leading of all material, labour and tools & plants, welding of track in LWR, destressing, drainage arrangement as per the approved drawing complete in all respect. Nothing extra shall be paid.
Note:-
60 Kg 350 R Rails shall be paid under item no NS-25 of this Sub-Schedule.</td><td>NS Item No.22: Transition of Ballastless Track (BLT) To Ballasted Track On Bridge Approaches
Construction of Transition system of ballastless track to ballasted track on bridge approach including linking of track with 60 Kg rails in LWR including, supply and fixing of rail fittings/ fastening, Construction of RCC subbase slab, track slab, derailment guard as per approved Design & Drawings. The item includes supply and leading of all material, labour and tools & plants, welding of track in LWR, destressing, drainage arrangement as per the approved drawing complete in all respect. Nothing extra shall be paid.
Note:-
60 Kg 350 R Rails shall be paid under item no NS-25 of this Sub-Schedule.</td></tr>
<tr><td>7.</td><td>Corrigendum No. 3, S. No. 11, Final Tender Document, Part 2, Section VII-2: Employer’s Requirements-Functional, ANNEXURE F-3
(List of items of works to be carried out at stations under Schedule ‘A’ and Schedule ‘B’), S. No. 6 c)</td><td><table>
<tr><th>S. No</th><th>Item</th><th>Badsa Jn & Mandothi</th><th>Deverkhana, New Asaudah & Jasur Kheri</th><th>Badli & Tarakpur</th><th>New Harsan Kalan</th><th>Kharkhoda</th></tr>
<tr><td>6</td><td>c) RCC portico at entrance to subway</td><td>Yes</td><td>Yes</td><td>Yes</td><td>Yes</td><td>Yes</td></tr>
</table></td><td><table>
<tr><th>S. No</th><th>Item</th><th>Badsa Jn & Mandothi</th><th>Deverkhana, New Asaudah & Jasur Kheri</th><th>Badli & Tarakpur</th><th>New Harsan Kalan</th><th>Kharkhoda</th></tr>
<tr><td>6</td><td>c) RCC portico</td><td>Yes at entrance to subway</td><td>Yes at entrance to subway</td><td>Yes at entrance to subway</td><td>Yes at station building</td><td>Yes at entrance to subway</td></tr>
</table></td></tr>
</table>

<table>
<tr><th>S. No.</th><th>Tender Document Part / Section/ Clause No.</th><th>Description of Existing Clause</th><th>Modified Description of Existing Clause / New Clause</th></tr>
<tr><td>8.</td><td>Corrigendum No. 3, S. No. 11, Final Tender Document, Part 2, Section VII-8: Employer's Requirements-Tender Drawings and Documents, VII-8A: Tender Drawings, I Civil Drawings, 2. ESP/Yard Plan, S. No. 7 and 8</td><td colspan="2">The following drawings are revised and enclosed as Attachment 1 of this Corrigendum No. 4

<table>
<tr><th colspan="4">2. ESP/YARD PLAN</th></tr>
<tr><th>S. No.</th><th>TITLE</th><th>DRAWING NO.</th><th>REVISED DRAWING NO.</th></tr>
<tr><td>7.</td><td>Conceptual Engineering Scale Plan Kharkhoda Kirholi Station Yard CH:108728.865 m F/Prithala</td><td>GC-HRIDC-C6-DRW-STN-ESP-KHR01_A1</td><td>GC-HRIDC-C6-DRW-STN-ESP-KHR01_A2</td></tr>
<tr><td>8.</td><td>Conceptual Engineering Scale Plan Tarakpur crossing Station Yard CH:114218.885 m F/Prithala</td><td>GC-HRIDC-C6-DRW-STN-ESP-TAR01_A1</td><td>GC-HRIDC-C6-DRW-STN-ESP-TAR01_A2</td></tr>
</table></td></tr>
</table>

Enclosure: Attachment 1

--SD--
Chief Project Manager/North,
Haryana Rail Infrastructure Development Corporation Limited (HRIDC),
IRCON International Tower-2, Plot No 16,
Sector-32, Gurugram, Haryana-122003,

Attachment 1 to Corrigendum No. 4
VII-8A: Revised Tender Drawings

List of Revised Tender Drawings enclosed in this Attachment 1 of Corrigendum No. 4		
S. No.	**TITLE**	**REVISED DRAWING NO.**
1	Conceptual Engineering Scale Plan Kharkhoda Kirholi Station Yard CH:108728.865 m F/Prithala	GC-HRIDC-C6-DRW-STN-ESP-KHR01_A2
2.	Conceptual Engineering Scale Plan Tarakpur crossing Station Yard CH:114218.885 m F/Prithala	GC-HRIDC-C6-DRW-STN-ESP-TAR01_A2

LEGEND:

EXISTING RAILWAY TRACK	
PROPOSED UP & DN LINE	
DISMANTLING WORKS	
PROPOSED DIVERSIONS	
EXISTING ROAD	
PRO.HORC BOUNDARY	PROW PROW
EXPRESSWAY BOUNDARY	ROW ROW
HT LINE	
ELECTRICAL LINE(LT)	
STREAM / CANAL / DRAIN	
WELL	
POND	

F/CSB-FROM CENTER LINE OF STN BLDG	RH - RIGHT HANDED
TP1 & TP2 - TANGENT POINT	LH - LEFT HANDED
R - RADIUS	FM - FOULING MARK
CCL - CIRCULAR CURVE LENGTH	SRJ - STOCK RAIL JOINT
TL - TANGENT LENGTH	TS - TRAP SWITCH
TR - TRANSITION LENGTH	DE - DEAD END
SE - SUPERELEVATION	Rr - RESULTANT RADIUS
Δ - DEFLECTION ANGLE	D - DEGREE OF CURVE
CSR - CLEAR STANDING ROOM	RH - RELAY HUT
SSP - SUB SECTIONING & PARALLING POST	

NOTE:

1. ALL DIMENSIONS ARE SHOWN IN METRES.
2. CH:0.00 IS RECKONED AS C.L OF STATION BUILDING.
3. THROUGH CHAINAGES ARE RECKONED FROM C.L OF PRITHALA STATION.
4. RULING GRADIENT FOR PRITHALA TO HARSANA KALAN SECTION IS 1 IN 150 COMPENSATED.
5. EI/SSI WITH STD. - IIIR DISTRIBUTED INTERLOCKING AND MACL SIGNALING SYSTEM SHALL BE PROVIDED.
6. ALL MAIN LINE POINTS & CROSSINGS ARE TO BE LAID WITH 60 Kg, 1 IN 12 THICK WEB SWITCH WITH WELDABLE CMS CROSSING.
7. TRACK STRUCTURE OF ALL NEW / REPLACEMENT OF LINES SHALL BE WITH 60 Kg RAILS ON WIDE BASE PSC SLEEPERS AT :
   SLEEPER DENSITY OF 1660 Nos/Km & BALLAST CUSHION 350 mm FOR MAIN LINE,
   SLEEPER DENSITY OF 1540 Nos/Km & BALLAST CUSHION 250 MM FOR LOOP LINE.

PROPOSED TRACK STRUCTURE (TO SUIT FOR 25T AXLE LOAD

I. FOR RAIL CORRIDOR: 160KMPH Speed
* TRACK = 60KG RAILS
* SLEEPER DENSITY : PSC SLEEPERS = 1660 No.S PER KM
* BALLAST CUSHION : 350mm
* ALL TURNOUTS ARE 1 in 12 UNLESS OTHERWISE SPECIFIED.

GC/HORC		HRIDC	
NAME / DESIGNATION	SIGN	NAME / DESIGNATION	SIGN
CHAHATEY RAM *PD*	Chahatey Ram	VISHAL GUPTA *CPM/ NORTH*	
SUDHIR AGRAWAL *DPD/CIVIL*		VIKRAM YADAV *GM/IE & A*	
KRISHAN CHAND SAINSI *CRE/CIVIL*		JYOTI SANGWAN *DGM/ELECTRICAL*	Jyoti Sangwan
A.S. JANGHU *CRE/ELECT.*		ABHA GUPTA *DGM/CIVIL*	Abha Gupta
C.S TEWARI *SRE/S&T*		SUNIL DUTT *SR. MANAGER*	
		AM/S&T	

PROJECT:
HARYANA ORBITAL RAIL CORRIDOR
CONNECTING PALWAL TO SONIPAT BYPASSING DELHI AREA BY LINKING ASAOTI-PATLI-SULTANPUR-ASAUDAH BY NEW ELECTRIFIED BG DOUBLE LINE

CLIENT:
HARYANA RAIL INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

GENERAL CONSULTANT:
GENERAL CONSULTANT FOR HARYANA ORBITAL RAIL CORRIDOR
RITES Limited in consortium with SMEC International Pty. Ltd.

RITES THE INFRASTRUCTURE PEOPLE
SMEC Member of the Surbana Jurong Group

TITLE : CONCEPTUAL ENGINEERING SCALE PLAN KHARKHODA KIRHOLI STATION YARD CH:108728.865m F/PRITHALA

GC DRG.NO.:	GC-HRIDC-C6-DRW-STN-ESP-KHR01_A2		
ISSUED Dt:	25.06.2023	REVISED Dt:	22.05.2024

CONSULTANTS : aarvee associates
architects engineers & consultants pvt.ltd.
Ravula Residency, Srinagar Colony Main Rd., Hyderabad-82, India
Tel: 91-40-23737633; Fax: 91-40-23736277
e-mail: railways@aarvee.net; web:www.aarvee.net

AARVEE ASSOCIATES

Manisha MANISHA (AM CAD) DRAWN	G.PRASAD (M) CHECKED	N.J. RAO (VP) APPROVED

DRG.NO.AA/RLY/2245/HRIDC/ESP-15/REV-4	SHEET No. 1	
SCALE : 1:1000	ISSUED Dt: 26.11.2019	REV Dt: 29-07-2022

LEGEND:

- EXISTING RAILWAY TRACK
- PROPOSED UP & DN LINE
- DISMANTLING WORKS
- PROPOSED DIVERSIONS
- EXISTING ROAD
- PRO.HORC BOUNDARY
- EXPRESSWAY BOUNDARY
- HT LINE
- ELECTRICAL LINE(LT)
- STREAM / CANAL / DRAIN
- WELL
- POND

F/CSB-FROM CENTER LINE OF STN BLDG	RH - RIGHT HANDED
TP1 & TP2 - TANGENT POINT	LH - LEFT HANDED
R - RADIUS	FM - FOULING MARK
CCL - CIRCULAR CURVE LENGTH	SRJ - STOCK RAIL JOINT
TL - TANGENT LENGTH	TS - TRAP SWITCH
TR - TRANSITION LENGTH	DE - DEAD END
SE - SUPERELEVATION	Rr - RESULTANT RADIUS
Δ - DEFLECTION ANGLE	D - DEGREE OF CURVE
CSR - CLEAR STANDING ROOM	RH - RELAY HUT
SSP - SUB SECTIONING & PARALLING POST	

NOTE:

1. ALL DIMENSIONS ARE SHOWN IN METRES.
2. CH:0.00 IS RECKONED AS C.L OF STATION BUILDING.
3. THROUGH CHAINAGES ARE RECKONED FROM C.L OF PRITHALA STATION.
4. RULING GRADIENT FOR PRITHALA TO HARSANA KALAN SECTION IS 1 IN 150 COMPENSATED.
5. EI/SSI WITH STD. - IIIR DISTRIBUTED INTERLOCKING AND MACL SIGNALING SYSTEM SHALL BE PROVIDED.
6. ALL MAIN LINE POINTS & CROSSINGS ARE TO BE LAID WITH 60 Kg, 1 IN 12 THICK WEB SWITCH WITH WELDABLE CMS CROSSING.
7. TRACK STRUCTURE OF ALL NEW / REPLACEMENT OF LINES SHALL BE WITH 60 Kg RAILS ON WIDE BASE PSC SLEEPERS AT :
   SLEEPER DENSITY OF 1660 Nos/Km & BALLAST CUSHION 350 mm FOR MAIN LINE,
   SLEEPER DENSITY OF 1540 Nos/Km & BALLAST CUSHION 250 MM FOR LOOP LINE.

PROPOSED TRACK STRUCTURE (TO SUIT FOR 25T AXLE LOAD

I. FOR RAIL CORRIDOR: 160KMPH Speed
* TRACK = 60KG RAILS
* SLEEPER DENSITY : PSC SLEEPERS = 1660 No.S PER KM
* BALLAST CUSHION : 350mm
* ALL TURNOUTS ARE 1 in 12 UNLESS OTHERWISE SPECIFIED.

GC/HORC		HRIDC	
NAME / DESIGNATION	SIGN	NAME / DESIGNATION	SIGN
CHAHATEY RAM PD	Chahatey Ram	VISHAL GUPTA CPM/ NORTH	
SUDHIR AGRAWAL DPD/CIVIL		VIKRAM YADAV GM/IE & A	
KRISHAN CHAND SAINSI CRE/CIVIL		JYOTI SANGWAN DGM/ELECTRICAL	Jyoti Sangwan
A.S. JANGHU CRE/ELECT.		ABHA GUPTA DGM/CIVIL	Abha Gupta
C.S TEWARI SRE/S&T		SUNIL DUTT SR. MANAGER	
		AM/S&T	

PROJECT:
HARYANA ORBITAL RAIL CORRIDOR
CONNECTING PALWAL TO SONIPAT BYPASSING DELHI AREA BY LINKING ASAOTI-PATLI-SULTANPUR-ASAUDAH BY NEW ELECTRIFIED BG DOUBLE LINE

CLIENT:
HARYANA RAIL INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

GENERAL CONSULTANT:
GENERAL CONSULTANT FOR HARYANA ORBITAL RAIL CORRIDOR
RITES Limited in consortium with SMEC International Pty. Ltd.

RITES THE INFRASTRUCTURE PEOPLE — SMEC Member of the Surbana Jurong Group

TITLE : CONCEPTUAL ENGINEERING SCALE PLAN TARAKPUR CROSSING STATION YARD CH:114218.885m F/PRITHALA

GC DRG.NO.:	GC-HRIDC-C6-DRW-STN-ESP-TAR01_A2		
ISSUED Dt:	25.06.2023	REVISED Dt:	22.05.2024

CONSULTANTS : AARVEE ASSOCIATES

aarvee associates
architects engineers & consultants pvt.ltd.
Ravula Residency, Srinagar Colony Main Rd., Hyderabad-82, India
Tel: 91-40-23737633; Fax: 91-40-23736277
e-mail: railways@aarvee.net; web:www.aarvee.net

DRAWN	CHECKED	APPROVED
MANISHA (AM CAD)	G.PRASAD (M)	N.J. RAO (VP)

DRG.NO.AA/RLY/2245/HRIDC/ESP-16/REV-4	SHEET No. 1	
SCALE : 1:1000	ISSUED Dt: 26.11.2019	REV Dt: 29-07-2022