

HARYANA RAIL INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED

(A Joint Venture Govt. of Haryana and Ministry of Railways)

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Tender No.: HORC/HRIDC/C-2/2022

Date: 21.07 .2022

Reference: Specific Procurement Notice dated 18.06.2022.

CORRIGENDUM NO. 2

Name of Work: C-2: Composite Contract Package in connection with laying of New BG Double Railway Line of HORC project for:

(i) Design and Construction of Civil Works (Earthwork, Bridges, Station Buildings, Retaining Walls and other miscellaneous Works) from Km 55.60 to Km 61.50 and its connectivities to IR network from New Patli to Patli & New Patli to Sultanpur including modifications in Sultanpur station yard,

(ii) Design, Supply, Installation, Testing & Commissioning of OHE (1x25 kV) and General Electrical services from Km 49.70 to Km 61.50 and its connectivities to IR network from New Patli to Patli & New Patli to Sultanpur including modifications in Sultanpur station yard and

(iii) Design, Supply, Installation, Testing & Commissioning of Signalling & Telecommunication from Km 49.70 to Km 61.50 and its connectivities to IR network from Manesar to Patli and New Patli to Patli & New Patli to Sultanpur including modifications in Patli and Sultanpur station yards.

S. No.	Tender Document Part / Section/ Clause No.	Description of Existing Clause	Modified Description of Existing Clause / New Clause
1.	Part 1, Section I, ITT, Sub-Clause ITT 7.1, 2 nd sentence	The Employer will respond in writing to any request for clarification, provided that such request is received no later than fourteen (14) days prior to the deadline for submission of Tenders.	The Employer will respond in writing to any request for clarification, provided that such request is received no later than 22.07.2022, 1800 Hrs IST.
2.	Part 1, Section II, TDS, Sub-Clause ITT 50.2	Add the following to ITT 50.2 The Tenderer will be declared ineligible for a period of Two (2) years for participation in any Tender invited by the Employer.	Deleted
3.	Part1, Section III, Evaluation and Qualification Criteria (EQC), Sub-Clause 3.5	Sub-Clause 3.5 Specialist Sub-Contractor.	The existing Sub-Clause 3.5 Specialist Sub-Contractor is replaced and annexed as “Attachment-1” of this Corrigendum No. 2.

S. No.	Tender Document Part / Section/ Clause No.	Description of Existing Clause	Modified Description of Existing Clause / New Clause
4.	Part 1, Section IV, Tender Forms, Form UT-1	Form UT-1	The existing Form UT-1 is replaced with Form UT-1/1, Form UT-1/2, Form UT-1/3, Form UT-1/4 and Form UT-1/5 and annexed as “ Attachment-2 ” of this Corrigendum No. 2.
5.	Part 1, Section IV, Tender Forms, Letter of Tender-Financial Part	Letter of Tender-Financial Part	The existing Letter of Tender-Financial Part is replaced and annexed as “ Attachment-3 ” of this Corrigendum No. 2.
6.	Part 1, Section IV, Tender Forms, Appendix B to Financial part: Price Schedules. Clause 1, Preamble	-	The following is added at the end of Sub-Clause 1.6 The price and rates quoted by Tenderer shall be deemed to have included GST at the rate of 18% as notified by 47 th GST Council on 29 th June 2022.
7.	Part 2, Section VII-1, Employer’s Requirements, General, Clause 1	1. INTRODUCTION Employer's Requirements- General apply throughout the Contract.	The existing Clause 1. INTRODUCTION is replaced with Clause 1 Project Profile and Background and annexed as “ Attachment-4 ” of this Corrigendum No. 2.
8.	Part 2, Section VII-1, Employer’s Requirements, General, Sub-Clause 10.1 (a)	a) The Contractor shall provide full support to the Engineer for all computer programs provided by the Contractor under the Contract.	"The Contractor shall provide full support to the Engineer for all <i>software based Electrical/Signalling/Telecommunication equipment mentioned in Section VII-7, Particular Specifications (PS)-OHE and General Electrical Services, Section VII-9, Particular Specifications (PS)-Signalling and Section VII-10, Particular Specifications (PS)- Telecommunication and provided by the Contractor under the Contract.</i> "
9.	Part 2, Section VII-2, Employer’s Requirements, Functional, Sub-Clause 2.11	2.11 Scope of Work Schedule B & C of BOQ a) Procurement, supply and installation (including joining and grouting) of precast retaining wall for heights upto 6m from ground level. b) Construction of cast in-situ retaining wall where precast wall not used. c) Diversion of all uncharted utilities, if required, as per approved plan.	2.11 Scope of Work Schedule B & C of BOQ a) Procurement, supply and installation (including joining and grouting) of precast retaining wall for heights upto 2m above ground level. b) Construction of cast in-situ retaining wall where precast wall not used. c) Diversion of all uncharted utilities, if required, as per approved plan.

S. No.	Tender Document Part / Section/ Clause No.	Description of Existing Clause	Modified Description of Existing Clause / New Clause
		<p>d) Development of circulating area, parking space, storm water disposal of circulating area etc.</p> <p>e) Tree cutting, plantation, and any other horticulture work.</p> <p>f) Transportation of Rails for linking of track on OWG.</p> <p>g) Construction of roads, footpath and Structures other than covered in Lump Sum schedule of Employer's Requirements.</p> <p>h) Any other item as directed by Engineer related to the work.</p>	<p>d) Development of circulating area, parking space, storm water disposal of circulating area etc.</p> <p>e) <i>Plantation, and any other horticulture work.</i></p> <p>f) <i>Deleted</i></p> <p>g) Construction of roads, footpath and Structures other than covered in Lump Sum schedule of Employer's Requirements.</p> <p>h) Any other item as directed by Engineer related to the work.</p>
10.	Part 2, Section VII-11, Employer's Requirements, Tender Drawings and Documents	-	<p>Miscellaneous Drawings (Conceptual Plan) Add Item No. 18 and 19 at the end of Item No. 17 under the Heading 5- Miscellaneous in the List of Tender drawings: 18. Typical Embankment/Cutting Profile 19. Plan showing earmarked area for Contractor's Facilities and Site Office These are annexed as "Attachment-5" of this Corrigendum No. 2</p>
11.	Part 3, Section IX – Particular Conditions of Contract, Part A –Contract Data, Sub-Clause 8.8,	<p>Delay Damages payable for each week of delay</p> <p>0.05% of the Accepted Contract Amount, less Provisional Sum in the currencies and proportions in which the Contract Price is payable.</p> <p>Delay Damages for Key Dates shall be levied as given in Appendix 2 of Employer's Requirements for not achieving the respective key date.</p>	<p>Delay Damages payable for each week of delay <i>or part thereof</i></p> <p>0.05% of the Accepted Contract Amount, less Provisional Sum in the currencies and proportions in which the Contract Price is payable <i>for each week or part thereof which shall elapse between the Time for Completion and actual Date of Completion of the Works.</i></p> <p>Delay Damages for <i>not achieving</i> Key Dates shall be levied as given in Appendix 2, Section VII-12, Part 2- Employer's Requirements <i>for each week or part thereof which shall elapse between the relevant Key Date and actual date of achieving Key Date.</i></p>
12.	Part 3, Section IX – Particular Conditions of	Time is the essence of the contract and If the Contractor fails to comply with Sub-Clause 8.2 [Time for Completion] and Appendix-2B of Employer's Requirement, the	Time is the essence of the contract and if the Contractor fails to comply with Sub-Clause 8.2 [Time for Completion], the Contractor shall subject to notice under Sub-Clause 20.1

S. No.	Tender Document Part / Section/ Clause No.	Description of Existing Clause	Modified Description of Existing Clause / New Clause
	Contract, Part B –Specific Provisions, Sub-Clause 8.8, Delay Damages, 1 st Para	Contractor shall subject to notice under Sub-Clause 20.1 Claims] pay delay damages to the Employer for this default. These delay damages shall be the sum stated in the Contract Data, which shall be charged for every week of delay from the duration for Key date stated in the Appendix-2B of the Employer’s Requirement.	Claims] pay delay damages to the Employer for this default. These delay damages shall be the sum stated in the Contract Data, which shall be charged for every week of delay <i>or part thereof which shall elapse between the Time for Completion and actual Date of Completion of the Works. Delay damages for not achieving Key Dates stated in Appendix 2 Section VII-12 Part 2 of the Employer’s Requirements, shall be the sum stated in the Contract Data.</i>
13.	Deleted		
14.	Part -3, Section IX – Particular Condition of Contract, Sub-Clause 14.2.3, a) and b) Repayment of Advance Payment	<p>a) The recovery of Advances shall commence when 30% of the Accepted Contract Amount of the Work has been paid and it will be completed by the time, 90% of the Accepted Contract Amount has been paid or the original completion date whichever is earlier. As far as possible, the recovery of Advances shall be limited to 30% of on-account bill.</p> <p>b) The Contractor shall always have the option to have the recoveries commenced and/or completed earlier, and/or to have recoveries affected in instalments of higher amount and also to repay part or whole of the Advance by direct payment rather than through on-account Bills.</p>	<p>a) The recovery of Advances shall commence when 30% of the Accepted Contract Amount of the Work has been paid and it will be completed by the time, 90% of the Accepted Contract Amount has been paid or the original completion date whichever is earlier. <i>However, minimum recovery of advances shall be at the rate of 10% (ten percent) of on-account bill.</i></p> <p>b) The Contractor shall always have the option to have the recoveries commenced and/or completed earlier, and/or to have recoveries affected in instalments of higher amount and also to repay part or whole of the Advance by direct payment rather than through on-account Bills. However, the recovery of Advances shall be limited to 30% of on-account bill.</p>
15.	Part 2, Section VII-5, Employer’s Requirements, Outline Design Specifications (ODS), Sub-Clause 2.8 (u)	(u) Precast retaining walls shall be used upto 6m height. Beyond 6m height, cast in-situ retaining wall may be used. Reinforced Earth wall (RE wall) shall not be permitted.	(u) Precast retaining walls shall be used upto 2m height above ground level. Beyond 2m height, cast in-situ retaining wall may be used. Reinforced Earth wall (RE wall) shall not be permitted.
16.	Part 2, Section VII-5, Employer’s Requirements, Outline Design	Precast retaining walls shall be used up to 6m height (height above the ground level). Beyond 6m height, cast in situ retaining wall may be used.	Precast retaining walls shall be used up to 2m height above the ground level. Beyond 2m height, cast in-situ retaining wall may be used.

S. No.	Tender Document Part / Section/ Clause No.	Description of Existing Clause	Modified Description of Existing Clause / New Clause
	Specifications (ODS), Sub-Clause 6.2, 2 nd Para		
17.	Part 2, Section VII-2, Employer's Requirements, Functional, Sub-Clause 2.2, 1 st Para	The Lumpsum scope of work in brief is given below but the scope also includes all other requirements stipulated in various parts/sections of the Contract Document including Appendices and Annexures. Lump sum scope of the work (Schedule A of BOQ) includes all items as per details in clause 2.1 to 2.9 & 3 to 11 unless otherwise stated. The items/ works which are not covered in the lump sum price of Schedule-A of BOQ shall be paid in the relevant items under Schedule B & C as mentioned in the clause 2.10 of Employer's Requirements (Functional).	The Lumpsum scope of work in brief is given below but the scope also includes all other requirements stipulated in various parts/sections of the Contract Document including Appendices and Annexures. Lump sum scope of the work (Schedule A of BOQ) includes all items as per details in clause 2.1 to 2.10 & 3 to 11 unless otherwise stated. The items/ works which are not covered in the lump sum price of Schedule-A of BOQ shall be paid in the relevant items under Schedule B & C as mentioned in the clause 2.11 of Employer's Requirements (Functional).
18.	Part 2, Section VII-2, Employer's Requirements, Functional, Sub-Clause 2.2 (j)	(j) Design and construction of RCC hume pipe (NP-4) of 450 mm dia in the embankment at approximately 500m interval for crossing utilities in future.	(j) Design and construction of RCC hume pipe (NP-4) of 450 mm dia/ <i>precast RCC box (500mmx 500mm clear dimension)</i> in the embankment at approximately 500m interval for crossing utilities in future.
19.	Part 2, Section VII-2, Employer's Requirements, Functional, Sub-Clause 2.2 (k)	k) Design of precast and cast in-situ retaining wall.	k) Design of precast and cast in-situ retaining wall. <i>These retaining walls shall be constructed and paid under Schedule 'B'</i>
20.	Part 2, Section VII-5, Employer's Requirements, Outline Design Specifications (ODS), Sub-Clause 2.8 (w)	w) NP-4 pipe of 450mm diameter, conforming to IS 458, shall be provided at about 500m interval throughout the alignment for the purpose of utilities. Installation conditions for the pipe shall be designed as per the IS-783, according to the fill height.	w) NP-4 pipe of 450mm diameter, conforming to IS 458, shall be provided at about 500m interval throughout the alignment <i>in embankments having fill heights upto 5m. In embankments having fill heights more than 5m precast RCC box of 500mmx500mm clear size shall be provided for the purpose of future utilities.</i> Installation conditions for the pipe shall be designed as per the IS-783, according to the fill height.
21.	Part 2, Section VII-5, Employer's Requirements, Outline Design	(i) NP-4 pipe of 450mm diameter conforming to IS 458 shall be provided under the embankment, at an approximate interval of 500m. Installation conditions	(i) NP-4 pipe of 450mm diameter, conforming to IS 458, shall be provided at about 500m interval throughout the alignment <i>in embankments having fill</i>

S. No.	Tender Document Part / Section/ Clause No.	Description of Existing Clause	Modified Description of Existing Clause / New Clause
	Specifications (ODS), Sub-Clause 3.3 (i)	for the pipe shall be adopted as per the design requirement of IS-783 for various heights of fill.	<i>heights upto 5m. In embankments having fill heights more than 5m precast RCC box of 500mmx500mm clear size shall be provided for the purpose of future utilities. Installation conditions for the pipe shall be designed as per the IS-783, according to the fill height.</i>
22.	Part 2, Section VII-6, Employer's Requirements, Outline Construction Specifications (OCS), Sub-Clause 2.1, 12 th Para	NP-4 pipe of 450mm diameter conforming to IS 458 shall be provided under the embankment, at an approximate interval of 500m. Installation conditions for the pipe shall be adopted as per the design requirement of IS-783 for various height of fill.	NP-4 pipe of 450mm diameter, conforming to IS 458, shall be provided at about 500m interval throughout the alignment <i>in embankments having fill heights upto 5m. In embankments having fill heights more than 5m precast RCC box of 500mmx500mm clear size shall be provided for the purpose of future utilities. Installation conditions for the pipe shall be designed as per the IS-783, according to the fill height.</i>
23.	Part 2, Section VII-12, Employer's Requirements, Appendix 10, Sub-Clause 10.14	<p>10.14 Site Clearance</p> <p>The contractor shall clear the Site as required by demolishing all buildings, structures (above and below ground such as brick, concrete, steel, etc.) and removing all rubbish as agreed by the Engineer. The Site shall also be cleared of vegetation, trees, stumps roots, etc. as mentioned in Appendix 13 (ESHS Manual). All material so cleared from the site shall be disposed off by the Contractor outside the ROW as directed by the Engineer.</p>	<p>10.14 Site Clearance</p> <p>The contractor shall clear the Site as required by demolishing all buildings, structures (above and below ground such as brick, concrete, steel, etc.) and removing all rubbish as agreed by the Engineer. The Site shall also be cleared of vegetation, stumps roots, etc. <i>Cutting of trees within ROW wherever required for execution of the Works shall be done by the Contractor. Permission for cutting of trees will be obtained by the Employer. Compensatory plantation is not included in the Scope of the Works.</i> All material so cleared from the site shall be disposed off by the Contractor outside the ROW as directed by the Engineer.</p>

**Attachment 1
to
Corrigendum No. 2**

Sub-Clause 3.5, Specialist Sub-Contractor

3.5 Specialist Sub-Contractor

- 3.5.1** The Tenderer must confirm, in the *FORM UT-1/1 to FORM UT-1/5* given in Section IV, Tender Forms, that either he himself meets the minimum experience requirement mentioned in Table-1 given below or he will be deploying Specialist Sub-Contractor not exceeding one for each specialised activity mentioned in the Table-1 given below.
- 3.5.2** In case a Tenderer confirms to meet the minimum experience requirement for the specialised activities himself, the Tenderer shall submit copy of certificates issued by the Employer as documentary evidence for meeting the minimum experience requirement for each specialised activity mentioned in Table-1 given below.
- 3.5.3** If a Tenderer does not have minimum experience requirement himself for any of the specialised activities, he must submit the name of the Specialist Sub-Contractor in the *FORM UT-1/1 to FORM UT-1/5* given in Section IV, Tender Forms which he is going to deploy for that particular specialised activity(ies) mentioned in Table-1 given below. For each proposed Specialist Sub-Contractor, Tenderer shall submit copy of certificates issued by the Employer as documentary evidence for meeting the minimum experience requirement mentioned in Table-1 given below.
- 3.5.4** If a Tenderer does not fulfil the minimum experience requirement by himself or fails to submit the details of the Specialist Sub-Contractor, his Tender shall be summarily rejected.
- 3.5.5** If a Tender does not submit the copy of certificates issued by the Employer as documentary evidence in favour of himself / Specialist Sub-Contractor for meeting the minimum experience requirement for each specialised activity mentioned in Table-1 given below, his Tender shall be summarily rejected.

Table-1: Experience Requirement for Specialised Activities

S. No.	Specialised Activity	Minimum Experience Requirement for the Tenderer or the Specialist Sub-Contractor for execution of following Specialised activities:
1.	Fabrication, assembly & launching of Open Web Girders (OWG)	i. Execution of bridge work consisting of fabrication, assembly and launching of at least one span of Open Web Girder (OWG)/ <i>Bow String Girder</i> of 45.7m or longer spans in Railway/Metro/RRTS or Road Over Bridge (ROB) over Railway/Metro/RRTS in a single <i>ongoing/completed</i> contract during last seven years. ii. The Tenderer/Specialist Sub-Contractor must own RDSO approved workshop or must <i>submit an undertaking to the effect that on award of contract he will enter into a MOU</i> with RDSO approved vendor in Part-A for fabrication of Open Web Girders.
2.	Electrification Works (OHE)	<i>Design, supply, installation, testing, charging and commissioning of at least 25 kV OHE system on railway track of minimum length of 23 TKms on passenger running line in a single ongoing/completed contract during the last seven years.</i>

3.	Signalling	<i>Design, supply, installation, testing and commissioning of EI works of at least One (01) station in railway for passenger running line in a single ongoing/completed contract during last seven years.</i>
4.	Telecom OFC works	Execution of Telecom works <i>involving laying of OFC for at least 14 route km in a single ongoing/completed contract during last seven years with Railway/Govt. Organization/PSUs/Authorities.</i>
5.	Detailed Design	Shall have carried out following detailed designs in <i>single/two completed/ongoing works</i> during last seven years- a) Detailed Design of bridges/viaduct involving use of pile foundations of clear span of 45.7 m or more for Railway or Metro Rail or Regional Rapid Transit System (RRTS) (excluding LRT/TRAM/Monorail Systems); and b) Detailed Design of embankment having height of 10 m or more for Railway/Highway

Note:-

- (1) Tenderer /Specialist Sub-Contractor must have executed the specialised activity mentioned in Table-1 above as a Prime contractor/Joint Venture member/Sub-Contractor.
- (2) If a tenderer/Specialist Sub-Contractor has successfully completed a work as subcontractor, the work experience certificate issued for such work to Sub-Contractor by the Employer (owner of the work) shall only be considered for the purpose of fulfilment of credentials.
- (3) Value of completed work done by a Member in an earlier JV shall be reckoned only to the extent of the concerned member's share in that JV for purpose of satisfying his/her experience criteria mentioned in Table-1 given above.
 - a) For past experience of specialised activities given in the Table-1 above, credit shall be given for execution of the quantity of that specific activity executed by the firm as part of a JV, duly certified by the Employer. If the Employer's Certificate does not indicate the specific quantity of specialised activity/activities executed by each member, in such a case credit for quantity of each specialised activity shall be given as per following provisions in order of priority:
 - (i) As per details given in JV agreement forming part of the relevant Contract Agreement.
 - (ii) If JV agreement does not provide such details, then credit shall be given in proportion of the percentage share of the firm in that JV.
- (4) **For specialised activity Electrification Works at S. No. 2 in the Table-1 above** Overhead Equipment works that shall be considered under this qualifying criterion must include erection, testing and charging of 25 kV and above OHE system charged at 2.2 kV/25 kV or above as certified by the employer for electrification of un-electrified track. Works pertaining to construction of switching stations, commissioning of capacitor banks for Railway Electrification projects, rehabilitation of OHE/Structures, shall not qualify as similar works.

- (5) Upon award of Contract, the Contractor is required to enter into legally enforceable agreement with the Specialist Sub-Contractor within 60 days of issue of LOA and submit a copy of the agreement to the Engineer. The agreement must specify the specific role and responsibility of the Sub-Contractor.
- (6) ***Replacement of Specialist Sub-Contractor:*** Upon award of the Contract, the Contractor will have the option of replacing the Sub-Contractor proposed at the time of submission of the Tender with the approval of the Engineer. However, the proposed replacement must fulfil the eligibility criteria for the concerned specialised activity as mentioned in the Table-1 above. The option of replacement of the proposed Specialist Sub-Contractor for each specialised activity shall be limited to only once during the Contract.
- (7) Upon award of the Contract, if the Contractor/ Specialist Sub-Contractor for item No.1 of the Table- 1 above does not own RDSO approved workshop, he must enter into legally enforceable agreement with RDSO approved vendor in Part-A for fabrication of Open Web Girders within 60 days of issue of LOA and submit a copy of the agreement to the Engineer.

**Attachment 2
to
Corrigendum No. 2**

**Form UT 1/1, Form UT1/2, Form UT1/3,
Form UT1/4, Form UT1/5**

UNDERTAKING FOR SPECIALISED ACTIVITY

[Fabrication, assembly & launching of Open Web Girders (OWG)]

(Refer Sub-Clause 3.5 of Section III, EQC)

(On the Letterhead of Tenderer/Specialist Sub-Contractor)

I. UNDERTAKING BY THE TENDERER

(On the Letterhead of Tenderer)

[Delete (a) or (b) whichever is not applicable]

- a) We hereby confirm that we..... *(Insert name of the Tenderer)* fulfil the minimum experience requirement for the specialised activity “**Fabrication, assembly & launching of Open Web Girders (OWG)**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part. We hereby confirm that we are RDSO approved vendor in Part A for Fabrication of Open Web Girders

OR

We hereby confirm that we..... *(Insert name of the Tenderer)* fulfil the minimum experience requirement for the specialised activity “**Fabrication, assembly & launching of Open Web Girders (OWG)**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part but we are not RDSO approved vendor for Fabrication of Open Web Girders. We undertake that on award of contract we will enter into a MOU with RDSO approved vendor in Part-A for fabrication of Open Web Girders.

- b) We hereby confirm that we..... *(Insert name of the Tenderer)* are going to deploy *(Insert name of Specialist Sub-Contractor)* for the specialised activity “**Fabrication, assembly & launching of Open Web Girders (OWG)**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part.

Signature of authorized signatory of Tenderer with Seal

II. UNDERTAKING BY THE SPECIALIST SUB-CONTRACTOR

*[To be submitted only when I (b) is applicable]
(On the Letterhead of Specialist Sub-Contractor)*

We, (*Insert Name of Specialist Subcontractor*) hereby confirm that we are associating with (*Insert name of the Tenderer*) for the work of “C-2: Composite Contract Package in connection with laying of New BG Double Railway Line of HORC project” for the specialised activity “**Fabrication, assembly & launching of Open Web Girders (OWG)**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC.

We, (*Insert Name of Specialist Sub-Contractor*) hereby confirm that we fulfil the minimum experience requirement for the specialised activity “**Fabrication, assembly & launching of Open Web Girders (OWG)**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part. We hereby confirm that we are RDSO approved vendor in Part A for Fabrication of Open Web Girders

OR

We, (*Insert Name of Specialist Sub-Contractor*) hereby confirm that we fulfil the minimum experience requirement for the specialised activity “**Fabrication, assembly & launching of Open Web Girders (OWG)**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part. We undertake that for fabrication of Open Web Girders we will enter into a MOU with RDSO approved vendor in Part-A for Fabrication of Open Web Girders.

Signature of authorized signatory of Specialist Sub-Contractor with Seal

Signature of authorized signatory of Tenderer with Seal

Note:

- If a Tenderer does not submit the copy of certificates issued by the Employer as documentary evidence in favour of himself /Specialist Sub-Contractor for meeting the minimum experience requirement for the specialised activity at S.No.1 mentioned in Table-1 of Sub-Clause 3.5 of Section III, EQC, his Tender shall be summarily rejected.

UNDERTAKING FOR SPECIALISED ACTIVITY
[Electrification Works (OHE)]
(Refer Sub-Clause 3.5 of Section III, EQC)
(On the Letterhead of Tenderer/Specialist Sub-Contractor)

I. UNDERTAKING BY THE TENDERER

(On the Letterhead of Tenderer)

[Delete (a) or (b) whichever is not applicable)]

a) We hereby confirm that we..... *(Insert name of the Tenderer)* fulfil the minimum experience requirement for the specialised activity “**Electrification Works(OHE)**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part.

OR

b) We hereby confirm that we..... *(Insert name of the Tenderer)* are going to deploy *(Insert name of Specialist Sub-Contractor)* for the specialised activity “**Electrification Works(OHE)**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part.

Signature of authorized signatory of Tenderer with Seal

II. UNDERTAKING BY THE SPECIALIST SUB-CONTRACTOR

*[To be submitted only when I (b) is applicable]
(On the Letterhead of Specialist Sub-Contractor)*

We, (*Insert Name of Specialist Subcontractor*) hereby confirm that we are associating with (*Insert name of the Tenderer*) for the work of “C-2: Composite Contract Package in connection with laying of New BG Double Railway Line of HORC project” for the specialised activity “**Electrification Works (OHE)**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC.

We, (*Insert Name of Specialist Sub-Contractor*) hereby confirm that we fulfil the minimum experience requirement for the specialised activity “**Electrification Works(OHE)**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part.

Signature of authorized signatory of Specialist Sub-Contractor with Seal

Signature of authorized signatory of Tenderer with Seal

Note:

- If a Tenderer does not submit the copy of certificates issued by the Employer as documentary evidence in favour of himself /Specialist Sub-Contractor for meeting the minimum experience requirement for the specialised activity at S.No.2 mentioned in Table-1 of Sub-Clause 3.5 of Section III, EQC, his Tender shall be summarily rejected.

**UNDERTAKING FOR SPECIALISED ACTIVITY
[SIGNALLING]
(Refer Sub-Clause 3.5 of Section III, EQC)
(On the Letterhead of Tenderer/Specialist Sub-Contractor)**

I. UNDERTAKING BY THE TENDERER

(On the Letterhead of Tenderer)

[Delete (a) or (b) whichever is not applicable)]

a) We hereby confirm that we..... *(Insert name of the Tenderer)* fulfil the minimum experience requirement for the specialised activity “**SIGNALLING**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part.

OR

b) We hereby confirm that we..... *(Insert name of the Tenderer)* are going to deploy *(Insert name of Specialist Sub-Contractor)* for the specialised activity “**SIGNALLING**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part.

Signature of authorized signatory of Tenderer with Seal

II. UNDERTAKING BY THE SPECIALIST SUB-CONTRACTOR

*[To be submitted only when I (b) is applicable]
(On the Letterhead of Specialist Sub-Contractor)*

We, (*Insert Name of Specialist Subcontractor*) hereby confirm that we are associating with (*Insert name of the Tenderer*) for the work of “C-2: Composite Contract Package in connection with laying of New BG Double Railway Line of HORC project” for the specialised activity “**SIGNALLING**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC.

We, (*Insert Name of Specialist Sub-Contractor*) hereby confirm that we fulfil the minimum experience requirement for the specialised activity “**SIGNALLING**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part.

Signature of authorized signatory of Specialist Sub-Contractor with Seal

Signature of authorized signatory of Tenderer with Seal

Note:

- If a Tenderer does not submit the copy of certificates issued by the Employer as documentary evidence in favour of himself /Specialist Sub-Contractor for meeting the minimum experience requirement for the specialised activity at S.No.3 mentioned in Table-1 of Sub-Clause 3.5 of Section III, EQC, his Tender shall be summarily rejected.

UNDERTAKING FOR SPECIALISED ACTIVITY
[TELECOM OFC WORKS]
(Refer Sub-Clause 3.5 of Section III, EQC)
(On the Letterhead of Tenderer/Specialist Sub-Contractor)

I. UNDERTAKING BY THE TENDERER

(On the Letterhead of Tenderer)

[Delete (a) or (b) whichever is not applicable)]

a) We hereby confirm that we..... *(Insert name of the Tenderer)* fulfil the minimum experience requirement for the specialised activity “**TELECOM OFC WORKS**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part.

OR

b) We hereby confirm that we..... *(Insert name of the Tenderer)* are going to deploy *(Insert name of Specialist Sub-Contractor)* for the specialised activity “**TELECOM OFC WORKS**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part.

Signature of authorized signatory of Tenderer with Seal

II. UNDERTAKING BY THE SPECIALIST SUB-CONTRACTOR

*[To be submitted only when I (b) is applicable]
(On the Letterhead of Specialist Sub-Contractor)*

We, (*Insert Name of Specialist Subcontractor*) hereby confirm that we are associating with (*Insert name of the Tenderer*) for the work of “C-2: Composite Contract Package in connection with laying of New BG Double Railway Line of HORC project” for the specialised activity “**TELECOM OFC WORKS**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC.

We, (*Insert Name of Specialist Sub-Contractor*) hereby confirm that we fulfil the minimum experience requirement for the specialised activity “**TELECOM OFC WORKS**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part.

Signature of authorized signatory of Specialist Sub-Contractor with Seal

Signature of authorized signatory of Tenderer with Seal

Note:

- If a Tenderer does not submit the copy of certificates issued by the Employer as documentary evidence in favour of himself /Specialist Sub-Contractor for meeting the minimum experience requirement for the specialised activity at S.No.4 mentioned in Table-1 of Sub-Clause 3.5 of Section III, EQC, his Tender shall be summarily rejected.

**UNDERTAKING FOR SPECIALISED ACTIVITY
[DETAILED DESIGN]
(Refer Sub-Clause 3.5 of Section III, EQC)
(On the Letterhead of Tenderer/Specialist Sub-Contractor)**

I. UNDERTAKING BY THE TENDERER

(On the Letterhead of Tenderer)

[Delete (a) or (b) whichever is not applicable)]

a) We hereby confirm that we..... *(Insert name of the Tenderer)* fulfil the minimum experience requirement for the specialised activity “**DETAILED DESIGN**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part.

OR

b) We hereby confirm that we..... *(Insert name of the Tenderer)* are going to deploy *(Insert name of Specialist Sub-Contractor)* for the specialised activity “**DETAILED DESIGN**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part.

Signature of authorized signatory of Tenderer with Seal

II. UNDERTAKING BY THE SPECIALIST SUB-CONTRACTOR

*[To be submitted only when I (b) is applicable]
(On the Letterhead of Specialist Sub-Contractor)*

We, (*Insert Name of Specialist Subcontractor*) hereby confirm that we are associating with (*Insert name of the Tenderer*) for the work of “C-2: Composite Contract Package in connection with laying of New BG Double Railway Line of HORC project” for the specialised activity “**DETAILED DESIGN**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC.

We, (*Insert Name of Specialist Sub-Contractor*) hereby confirm that we fulfil the minimum experience requirement for the specialised activity “**DETAILED DESIGN**” stated in the Table-1 of Sub-Clause 3.5 of Section III of EQC. The copy of the certificate issued by the Employer in support of fulfilment of minimum experience requirement is submitted with the Technical Part.

Signature of authorized signatory of Specialist Sub-Contractor with Seal

Signature of authorized signatory of Tenderer with Seal

Note:

- If a Tenderer does not submit the copy of certificates issued by the Employer as documentary evidence in favour of himself /Specialist Sub-Contractor for meeting the minimum experience requirement for the specialised activity at S.No.5 mentioned in Table-1 of Sub-Clause 3.5 of Section III, EQC, his Tender shall be summarily rejected.

**Attachment 3
to
Corrigendum No. 2
Letter of Tender- Financial Part**

Letter of Tender – Financial Part

INSTRUCTIONS TO TENDERERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT

The Tenderer must prepare this Letter of Tender on stationery with its letterhead clearly showing the Tenderer's complete name and business address.

Note: All italicized text is to help Tenderers in preparing this form.

Date of this Tender submission: *[insert date (as day, month and year) of Tender submission]*

Tender No.: *[insert tender reference number]*

Alternative No.: *[insert reference number if this is a Tender for an alternative]*

To: *[insert complete name of Employer]*

We, the undersigned, hereby submit the second part of our Tender, the Tender Price and Price Schedule. This accompanies the Letter of Tender – Technical Part.

In submitting our Tender, we declare that:

- (a) **Tender Validity Period:** Our Tender shall be valid for the period specified in TDS 18.1 (as amended, if applicable) from the date fixed for the Tender submission deadline specified in TDS 22.1 (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (b) ****Tender Price:** The total price of our Tender *including Provisional Sum* is: *[insert the total price of the Tender in words and figures in INR]*;
- (c) **Commissions, Gratuities, Fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Tendering process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate "none.")

Name of the Tenderer: *[insert complete name of the Tenderer]*

Name of the person duly authorized to sign the Tender on behalf of the Tenderer: *[insert complete name of person duly authorized to sign the Tender]

Title of the person signing the Tender: [insert complete title of the person signing the Tender]

Signature of the person named above: [insert signature of person whose name and capacity are shown above]

Date signed [insert date of signing] **day of** [insert month], [insert year]

*: Person signing the Tender shall have the power of attorney given by the Tenderer. The power of attorney shall be attached with the Letter of Tender.

** The total price of Tender *including Provisional Sums* quoted in this Letter of Tender-Financial Part shall be same as given in Worksheet BoQ3 (Price Schedule-Summary Sheet) of MS-Excel File which includes cost of Schedule 'A' plus Schedule 'B' plus Schedule 'C' plus Provisional Sum.

**Attachment 4
to
Corrigendum No. 2**

**Section VII-1, Employer's Requirements-
General, Clause-1, Project Profile and
Background**

1. Project Profile and Background

State of Haryana is strategically located bordering the National capital of Delhi. NCT, Delhi shares three fourth of its border with Haryana alone and remaining with Uttar Pradesh. The development of Haryana region, bordering Delhi is very important for balanced growth of NCR as it acts as buffer zone against rampant migration and other support infrastructure. At present on account of growth of Metro network in Delhi & NCR, there is radial movement of commuters to and fro, Delhi being in centre. This “Hub and Spoke” traffic planning has resulted in rapid growth of Noida, Greater Noida, Faridabad and Gurugram. However, for hub and spoke concept to sustain it is necessary to link the ends of spoke by ring connectivity. There will be natural demand for commuter movement within these towns like Gurugram, Faridabad, Ballabhgarh, Palwal, Sohna, Manesar etc. Peripheral roads have been commissioned recently, linking these towns around Delhi but Rail link provides economical, sustainable, eco-friendly and bulk freight transport option. The peripheral Rail link will also help in growth of other cities within the same distance from Delhi like Sonapat, Panipat, and Rohtak. Western DFC originating from Dadri station is passing through Asaoti Station on Delhi-Mathura route, providing connectivity to Haryana Orbital Rail Corridor (HORC). This will also help in easing the pressure on the transport network of Delhi as some of the commuter traffic moving on the radials will get shifted to HORC. Apart from passenger traffic, substantial amount of freight traffic, which is entering the Delhi area of rail network but is not meant to be consumed in Delhi, will also get diverted via this corridor. Apart from this, there are major goods sheds in the heart of Delhi causing endless avoidable traffic jams. The goods sheds in west Delhi are Azadpur, Shakurbasti, Dayabasti, Sabzi Mandi which are located on prime commercial land and are black spots of the urban planning. Previously moving out commercial activity to other states had interstate taxation issues but now with GST in place, there is no reason of not shifting these activities to the peripheral region. In any case, if freight traffic movement through Delhi is restricted, then these goods sheds or alternatives will be serviced via the proposed HORC. Haryana Orbital Rail Corridor (HORC) from Palwal to Sonipat Via Sohna, Manesar, Kharkhoda and Harsana Kalan is to be constructed as an Electrified (1X25KV AC-50Hz) double line track, capable of operating at a maximum train speed of 160 kmph.

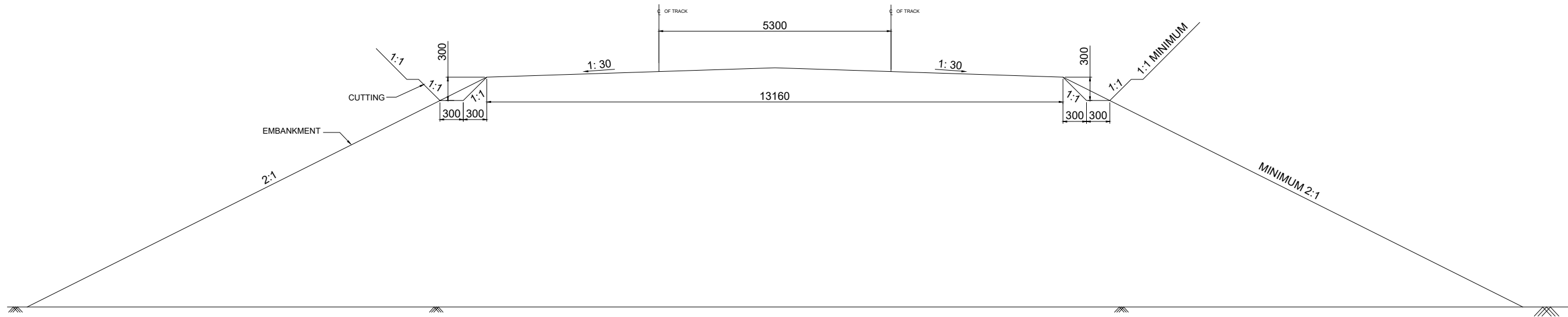
It is mentioned that for railway projects no prior environmental clearance is required as per National Environment Policy. Further, the Project alignment of HORC does not pass through reserve forest and protected forest.

**Attachment 5
to
Corrigendum No. 2**

**Typical Embankment/Cutting Profile
and**

**Plan showing showing earmarked area for
Contractor's Facilities and Site Office**

Typical Embankment/Cutting Profile




NOTE




1. ALL DIMENSION ARE IN MM.
2. CROSS SLOPE OF 1 IN 30 SHALL BE PROVIDED.
3. MINIMUM FORMATION WIDTH OF 13160 MM SHALL BE ENSURED IN BOTH EMBANKMENT AND IN CUTTING (EXCLUDING SIDE DRAIN)
4. ON CURVES CENTER TO CENTER DISTANCE BETWEEN TWO TRACK SHALL BE INCREASED AS PER IRSOD.

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.**

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



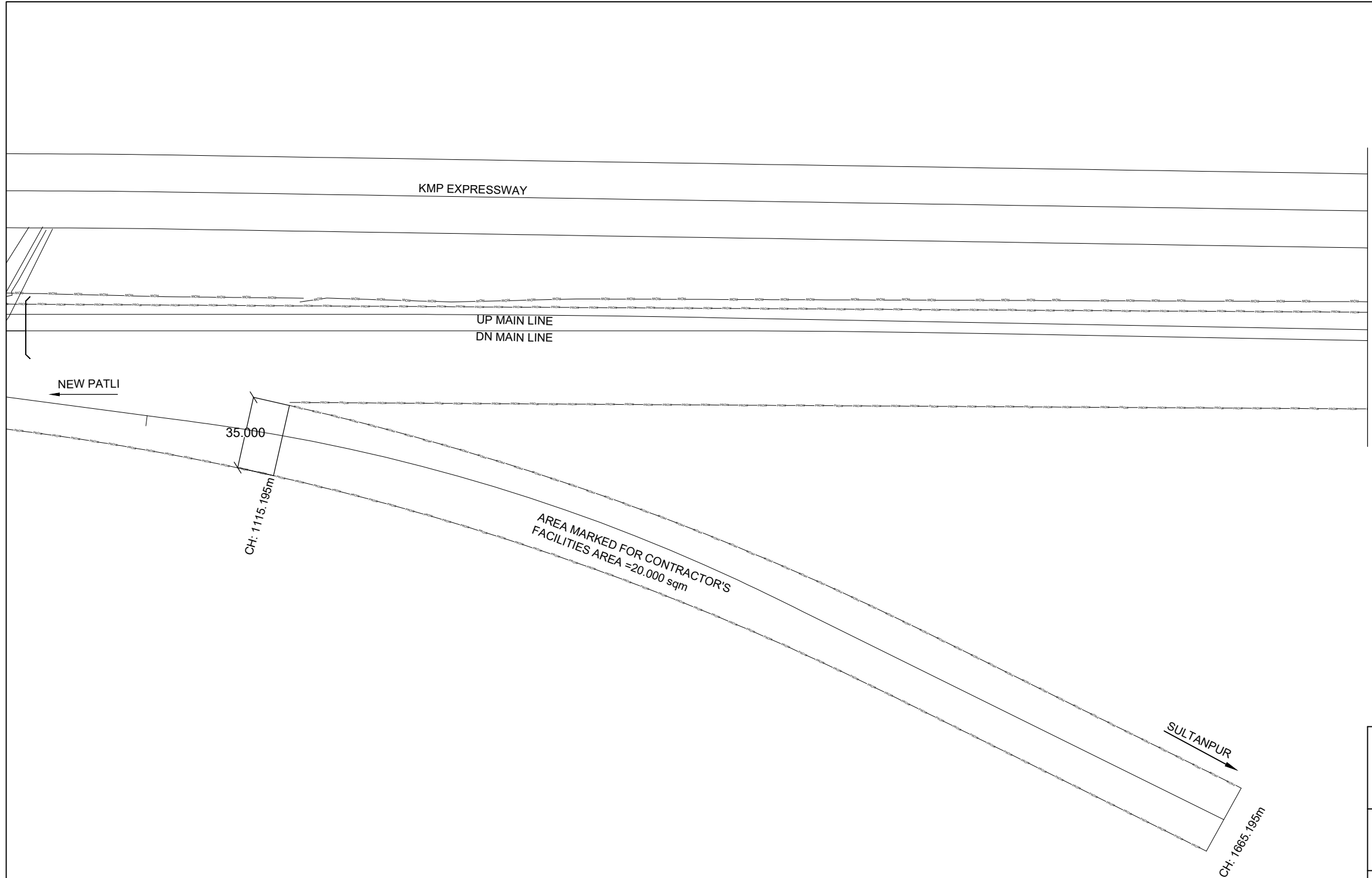
GC/HORC	
NAME / DESIGNATION	SIGN
SUDHIR AGRAWAL DPD/CIVIL	
KRISHAN CHAND SAINSI CRE/CIVIL	
REETU PATIAL CDE/ CIVIL	

TITLE:-
TYPICAL EMBANKMENT/ CUTTING PROFILE

SKETCH NO. GC-HRIDC-SK-GEN-001 **SHEET NO.**

SCALE : N.T.S **ISSUE DATE** **REVISED DATE**


**Plan showing showing earmarked area for
Contractor's Facilities and Site Office**



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.**

CONSULTANT:

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



TITLE:- **PLAN SHOWING EARMARKED AREA
 FOR CONTRACTOR'S FACILITIES & SITE OFFICE**

GC/HORC	
NAME / DESIGNATION	SIGN
SUDHIR AGRAWAL DPD/CIVIL	<i>[Signature]</i>
KRISHAN CHAND SAINSI CRE/CIVIL	<i>[Signature]</i>
REETU PATIAL CDE/ CIVIL	<i>[Signature]</i>

SKETCH NO. GC-HRIDC-SK-C2-001	SHEET NO.
SCALE : N.T.S	ISSUE DATE REVISED DATE