<u>Corrigendum - 07</u> to Tender for the work of "Rate Contract for Providing Specialist Services (SCAFFOLDING SPECIALIST, RIGGING SPECIALIST, SAFETY TRAINER, EXCAVATION SAFETY SPECIALIST, ELECTRICAL SAFETY SPECIALIST, WORK-AT-HEIGHT SAFETY SPECIALIST) for strengthening of Safety Culture and effective implementation of Health, Safety & Environment Management System at Various BHEL PS-Region Sites

#### A) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are furnished below:

Sl. No.	Reference clause of Tender	Bidder's Query	BHEL's Response
1	Clause 2.1 (b) of Chapter II: Scope of Work and Special Condition of Contract of VolIATCC	Rigging Specialist  BE/Diploma Engineer/BSc + ADIS/PDIS/NEBOSH + 5 years of exp. in construction safety including rigging/lifting /inspection of lifting equipment. If the rigging certification is not available, the candidate shall obtain the rigging certification (LEEA/LOLER/OPITO/BV/TUV/any well-known oil & gas company such as ARAMCO, ADNOC, SABIC, RIL, etc.) within 30 days after approval of the CV and prior to the deputation. This will be in addition to the 30-day deployment period.  Or  At least 5 years of exp. as rigging engineer or supervisor/ lifting engineer or supervisor /competent person for lifting operation/ Appointed Person for Lifting Operations/ lifting equipment inspector/Specialist. If the rigging certification is not available, the candidate shall obtain the certification (LEEA/LOLER/OPITO/BV/TUV/any well-known oil & gas company such as ARAMCO, ADNOC, SABIC, RIL) within 30 days after approval of the CV and prior to the deputation. This will be in addition to the 30-day deployment period.  Remarks: 30 day's time (In lieu of 15days) is required as we are not aware of the Training Calendar at the time of bidding.	Please refer Modified tender clause at Sl. B of this Corrigendum
2	Clause 2.1 (a) of Chapter II: Scope of Work and Special Condition of	Scaffolding Specialist  Accepted as per BHEL Corrigendum 5 except the following comments: Exclusion:  1. Any experience before the date of scaffolding certification shall not be	Please refer Modified tender clause at Sl. B of this Corrigendum

Sl. No.	Reference clause of Tender	Bidder's Query	BHEL's Response
	Contract of VolIATCC	considered.  2. In case valid Scaffolding Professional Certificates are not valid at the time of joining BHEL site, the same will be obtained within 30 days after approval of the CV and prior to the deputation. This will be in addition to the 30-day deployment period  Remarks: 30 days' time (In lieu of 15days) is required as we are not aware of the Training Calendar at the time of bidding	
3	Clause 2.1 (f) of Chapter II: Scope of Work and Special Condition of Contract of VolIATCC	(i) Must be at least a Degree or Diploma in engineering (in any branch) from an AICTE/SCTE&VT recognized institution or Graduate in Science (with Physics as one subject) from a UGC recognized University.  (ii) Must have obtained recognized certification from Construction Industry Training Board (CITB) or Scaffold Training School (STI) or TUV or equivalent for Supervisor/inspector level.  (iii) Must have worked for at least 3 years (for Degree Holder of Engineering) or 5 years (for Diploma holder/Graduate in Science) as on the date of deployment as scaffolding Specialist / supervisor/ expert in working at height in the field of construction of power plant/ Port/ Petrochemical refinery/ factory/ metro/heavy or Highrise civil structures. Any experience before the date of scaffolding certification shall not be considered.  (iv) The candidate shall have professional Expertise for coaching and certification of scaffolding inspector/supervisors and scaffolder. He shall have competency in designing scaffold schemes as per site requirement.  (v) The candidate should be in job while submission of CV (or at the most/ worst has left job not more than one year ago).  (vi) Preferably be fluent in English, Hindi & Local Language.  (vii) The candidate shall not be more than 52 years (at the time of application). He shall have sound health to withstand tough site conditions	Please refer Modified tender clause at Sl. B of this Corrigendum

Sl. No.	Reference clause of Tender	Bidder's Query	BHEL's Response
		and extreme weather. A medical fitness certificate from a Qualified Doctor (min MBBS) must be attached along with CV and the original be produced at the site.  vii) After approval of the CV, the candidate will obtain IRATA Level 1 Certification within 30 days prior to the deputation to the site. This will be in addition to the 30-day deployment period.  Remarks: 30 days' time (In lieu of 15days) is required as we are not aware of the Training Calendar at the time of bidding	
4	General	The minimum continuous deputation period at a project site for all the categories of the manpower resources shall be at least 6 months	Tender conditions shall prevail
5	General	Penalty or LD will be applicable for the specific defaulter line item subject to maximum limit of 10% of the site-specific contract.	Tender conditions shall prevail.

### B) Following Clauses are being modified in TCC:

Sl. No.	Reference clause of Tender	Existing Clause	Modified Clauses
	Clause 2.1 (b) of Chapter II: Scope of Work and Special Condition of Contract of VolIATCC	(i) Must be at least a Degree or Diploma in engineering (in any branch) from an AICTE/ SCTE&VT recognized institution or Graduate in Science (with Physics as one subject) from a UGC recognized University	i. Must be at least a Degree or Diploma in engineering (in any branch) from an AICTE/ SCTE&VT recognized institution or Graduate in Science (with Physics as one subject) from a UGC recognized University
		(ii) Must have a recognized certification from Lifting Equipment Engineers Association (LEEA) or Lifting	ii. Must have a recognized certification from Lifting Equipment Engineers Association (LEEA) or Lifting

Sl. No.	Reference clause of Tender	Existing Clause	Modified Clauses
		Operations and Lifting Equipment Regulations (LOLER) or Offshore Petroleum Industry Training Organization (OPITO) or equivalent for supervisor/ inspector level. Latest certificate should be valid at the time of submission of CV.	Operations and Lifting Equipment Regulations (LOLER) or Offshore Petroleum Industry Training Organization (OPITO) or equivalent for supervisor/ inspector level. Latest certificate shall be valid at the time of submission of CV.
		If latest certificate is not valid at the time of submission of CV, the candidate shall obtain the same and produce at the time of joining. Maximum extension of 15 days can be provided (in addition to the 30-day deployment period) for the purpose at the discretion of BHEL.	If latest certificate is not valid at the time of submission of CV, the candidate shall obtain the same and produce at the time of joining. Maximum extension of <i>15 working days</i> can be provided (in addition to the 30-day deployment period) for the purpose at the discretion of BHEL.
		An equivalent certification for a rigging supervisor/inspector here refers to a certification issued by an accredited certification body or an authorized training provider/ partner approved by such an accredited certification body, where the certification process follows internationally recognized standards.	An equivalent certification for a rigging supervisor/inspector here refers to a certification issued by an accredited certification body or an authorized training provider/ partner approved by such an accredited certification body, where the certification process follows internationally recognized standards.
		Consideration of equivalent certification shall be at sole discretion of BHEL.	Consideration of certification shall be at sole discretion of BHEL.
		(iii) The candidate shall have professional Expertise for coaching and certification for Rigger, Signalman and Supervisor. He shall have competency in preparing lift plan for critical and ODC lifting.	iii. The candidate shall have professional Expertise for coaching and certification for Rigger, Signalman and Supervisor. He shall have competency in preparing lift plan for critical and ODC lifting.
		(iv) Must have worked for at least 3 years (for Degree Holder of Engineering) or 5 years (for Diploma holder/Graduate in Science) as on the date of deployment as Rigging Specialist / supervisor/ expert in the field of construction of power plant/ Port/ Petrochemical refinery/ factory/ metro/ heavy or highrise civil	iv. Must have worked for at least 3 years (for Degree Holder of Engineering) or 5 years (for Diploma holder/ Graduate in Science) as on the date of deployment, as Rigging/Lifting Specialist / Supervisor / Expert / Engineer in the field of construction of power plant / Port /

Sl. No.	Reference clause of Tender	Existing Clause	Modified Clauses
		structures. Any experience before the date of rigging certification shall not be considered.	Petrochemical refinery/ factory/ metro/ heavy or highrise civil structures.
		(v) The candidate should be in job while submission of CV (or at the most/ worst has left job not more than one year ago).	v. The candidate should be in job while submission of CV (or at the most/ worst has left job not more than one year ago).
		<ul><li>(vi) Preferably be fluent in English, Hindi &amp; Local Language.</li><li>(vii) The candidate shall not be older than 52 years (at the time of application). He shall have sound health to withstand tough site conditions and extreme weather. A medical fitness certificate from a Qualified Doctor (min MBBS) must be attached along with CV and the original be produced at the site.</li></ul>	vi. Preferably be fluent in English, Hindi & Local Language.  vii. The candidate shall not be older than 52 years (at the time of application). He shall have sound health to withstand tough site conditions and extreme weather. A medical fitness certificate from a Qualified Doctor (min MBBS) must be attached along with CV and the original be produced at the site.
2	Clause 2.1 (a) of Chapter II: Scope of Work and Special Condition of Contract of VolIATCC	(i) Must be at least a Degree or Diploma in engineering (in any branch) from an AICTE/ SCTE&VT recognized institution or Graduate in Science (with Physics as one subject) from a UGC recognized University  (ii) Must have obtained recognized certification from Construction Industry Training Board (CITB) or Scaffold Training School (STI) or TUV or equivalent for Supervisor/inspector level. Latest certificate should be valid at the time of submission of CV. If latest certificate is not valid at the time of submission of CV, the candidate shall obtain the same and produce at the time of joining. Maximum extension of 15 days can be provided (in	i. Must be at least a Degree or Diploma in engineering (in any branch) from an AICTE/ SCTE&VT recognized institution or Graduate in Science (with Physics as one subject) from a UGC recognized University  ii. Must have obtained recognized certification from Construction Industry Training Board (CITB) or Scaffold Training School (STI) or TUV or equivalent for Supervisor/inspector level. Latest certificate shall be valid at the time of submission of CV. If latest certificate is not valid at the time of submission of CV, the candidate shall obtain the same and produce at the time of joining. Maximum extension of 15 working days can be provided

Sl. No.	Reference clause of Tender	Existing Clause	Modified Clauses
		addition to the 30-day deployment period) for the purpose at the discretion of BHEL.	(in addition to the 30-day deployment period) for the purpose at the discretion of BHEL.
		An equivalent certification for a scaffolding supervisor/inspector here refers to a certification issued by an accredited certification body or an authorized training provider/ partner approved by such an accredited certification body, where the certification process follows internationally recognized standards.	An equivalent certification for a scaffolding supervisor/inspector here refers to a certification issued by an accredited certification body or an authorized training provider/ partner approved by such an accredited certification body, where the certification process follows internationally recognized standards.
		Consideration of equivalent certification shall be at sole discretion of BHEL.	Consideration of certification shall be at sole discretion of BHEL.
		(iii) Must have worked for at least 3 years (for Degree Holder of Engineering) or 5 years (for Diploma holder/ Graduate in Science) as on the date of deployment as scaffolding Specialist / supervisor/ expert in the field of construction of power plant/ Port/ Petrochemical refinery/ factory/ metro/ heavy or highrise civil structures. Any experience before the date of scaffolding certification shall not be considered.	iii. Must have worked for at least 3 years (for Degree Holder of Engineering) or 5 years (for Diploma holder/ Graduate in Science) as on the date of deployment as scaffolding Specialist / Supervisor/ Expert/ Engineer in the field of construction of power plant/ Port/ Petrochemical refinery/ factory/ metro/ heavy or highrise civil structures.
		(iv) The candidate shall have professional Expertise for coaching and certification of scaffolding inspector/supervisors and scaffolder. He shall have competency in designing scaffold schemes as per site requirement.	iv. The candidate shall have professional Expertise for coaching and certification of scaffolding inspector/supervisors and scaffolder. He shall have competency in designing scaffold schemes as per site requirement.
		(v) The candidate should be in job while submission of CV (or at the most/ worst has left job not more than one year ago).	v. The candidate should be in job while submission of CV (or at the most/ worst has left job not more than one year ago).

Sl. No.	Reference clause of Tender	Existing Clause	Modified Clauses
		<ul> <li>(vi) Preferably be fluent in English, Hindi &amp; Local Language.</li> <li>(vii) The candidate shall not be more than 52 years (at the time of application). He shall have sound health to withstand tough site conditions and extreme weather. A medical fitness certificate from a Qualified Doctor (min MBBS) must be attached along with CV and the original be produced at the site.</li> </ul>	(vi.) Preferably be fluent in English, Hindi & Local Language.  vii. The candidate shall not be more than 52 years (at the time of application). He shall have sound health to withstand tough site conditions and extreme weather. A medical fitness certificate from a Qualified Doctor (min MBBS) must be attached along with CV and the original be produced at the site.
3	Clause 2.1 (f) of Chapter II: Scope of Work and Special Condition of Contract of VolIATCC	<ul> <li>Work-At Height (WAH) Safety Specialist</li> <li>(i) Must be at least a Degree or Diploma in engineering (any branch) from an AICTE/SCTE&amp;VT recognized institution</li> <li>(ii) "Must have a recognized certification from IRATA level 1 or equivalent.</li> <li>An equivalent certification to IRATA implies a certification meeting ISO/IEC 17024 accreditation, international rope access competency standards, and structured practical assessment criteria.</li> <li>Consideration of equivalent certification shall be at sole discretion of BHEL.".</li> </ul>	i. Must be at least a Degree or Diploma in engineering (any branch) from an AICTE/SCTE&VT recognized institution or <i>Graduate in Science (with Physics as one subject) from a UGC recognized University</i> ii. Must have a recognized certification from IRATA level 1 or equivalent. Latest certificate should be valid at the time of submission of CV.  An equivalent certification to IRATA implies a certification meeting ISO/IEC 17024 accreditation, international rope access competency standards, and structured practical assessment criteria.  Consideration of certification shall be at sole discretion of BHEL.  If latest certificate is not valid at the time of submission of CV, the candidate shall obtain the same and produce at the time of joining. Maximum extension of 15 working days can be provided (in addition to the 30 day joining period) for the purpose at the discretion of BHEL.

Sl. No.	Reference clause of Tender	Existing Clause	Modified Clauses
		(iii) Must have worked for 5 years or more as on the date of deployment as Work at height expert or as Safety Officer in the field of construction with Height Work as the main activity. Any experience before the date of height work certification shall not be considered.	iii. Must have worked for at least 3 years (for Degree Holder of Engineering) or 5 years (for Diploma holder/ Graduate in Science) as on the date of deployment as Height Work/ Work-at-height specialist or Scaffolding Specialist / supervisor/ expert/ engineer in the field of construction of power plant/ Port/ Petrochemical refinery/ factory/ metro/ heavy or high-rise civil structures having height work as major activity
		(iv) The candidate shall have professional expertise for training on WAH to all concerned. He shall have competency in certifying horizontal and vertical lifeline system.	iv. The candidate shall have professional expertise for training on Working at Height to all concerned. He shall have competency in certifying horizontal and vertical lifeline system.
		<ul><li>(v) Preferably be fluent in English, Hindi &amp; local language.</li><li>(vi) He must be able to communicate and design</li></ul>	v. Preferably be fluent in English, Hindi & local language.  vi. He must be able to communicate and design rescue arrangements.
		rescue arrangements.  (vii) He must be able to assess risks in all height work locations	vii. He must be able to assess risks in all height work locations
		(viii) The candidate shall not be older than 55 years (at the time of application). He shall have sound health to withstand tough site conditions and extreme weather. A medical check-up certificate	viii. The candidate shall not be older than 55 years (at the time of application). He shall have sound health to withstand tough site conditions and extreme weather. A medical check-up certificate from a Qualified Doctor (min

Sl. No.	Reference clause of Tender	Existing Clause	Modified Clauses
		from a Qualified Doctor (min MBBS) must be attached along with CV and the original be produced at the site.	MBBS) must be attached along with CV and the original be produced at the site.

#### Note:

- 1) All other terms and conditions against this NIT shall remain unchanged.
- 2) This corrigendum is to be submitted duly signed and stamped along with the Techno-commercial bid (Part- I).

for BHARAT HEAVY ELECTRICALS LTD MANAGER / SCT- CPC