

ADDENDUM-01

ADDITIONAL SPECIAL CONDITIONS OF CONTRACT (ASCC)

In case of any contradiction, the provisions in these Additional Special Conditions will prevail over other conditions.

CC/SCC REFERENCE CLAUSE	DESCRIPTION
NEW CLAUSE-01	<p><u>INDIAN STANDARDS</u></p> <p>Structural design and structural drawings for super structure and foundation for all structures included in BOQ shall be prepared so as to comply with the provisions for design and analysis of structures as per latest editions of following IS Codes</p> <p>:-</p> <ul style="list-style-type: none"> a) IS: 456 b) IS: 3370 (Part – 1 & 2) c) IS: 3370 (Part – 4) d) IS: 1893 (Part – I) e) IS: 1893 (Part – II) f) IS: 13920 (mandatory for EQ zone II also) g) IS: 875 h) IS: 11682 i) IS: 2950 (Part – I) j) IS: 2911 (Part – I/Section-2) k) IS: 16700 l) IS: 800 m) IS: Any other IS Code relevant to the design.
NEW CLAUSE-02	<p>PARAMETERS FOR RCC STRUCTURAL DESIGN OF BUILDINGS AND WATER RETAINING STRUCTURES</p> <ul style="list-style-type: none"> a) Location of structure : As per requirement b) Type of construction : RCC framed str with geometry as required c) Foundations : Open/Raft /pile Fdn as decided by the designer. d) Type of concrete : M-25 or higher grade, if required for superstructure and Fdn e) Type of reinforcement steel : Fe 500D grade f) Safe bearing capacity : As per Soil Investigation Report g) Design life of structure : Important structures: 100 years All other general buildings : 50 years h) Seismic zone : As per location i) Importance factor : 1.5 j) Basic wind speed : As per location k) Exposure condition from : Moderate for Buildings durability point of view Severe for Water Retaining Structure l) Fire resistance rating : 2 Hours m) Requirement for leakage : Water tightness class 2 (For Water retaining Structure) (As per clause 4.4.3.2 and 4.4.3.3 of IS 3370 (part 2))
NEW CLAUSE-03	<p>DESIGN AND DRAWINGS</p> <p>The tender drawings which are shown in Section-11 are sample drawings which shall be considered for reference only. After pre-requisites, the contractor shall perform detail design and submit for approval.</p> <p>The design and drawings shall be carried out/ prepared in accordance with Scale of Accommodation (SoA)/ Military Engineering Services (MES), Centre for Fire, Explosive and Environment Safety (CFEES) guidelines/ specifications.</p>
NEW CLAUSE-04	<p>STRUCTURAL ANALYSIS AND DESIGN OF RCC BUILDINGS AND WATER RETAINING STRUCTURES (UG SUMPS AND OVER HEAD TANKS)</p> <ul style="list-style-type: none"> a) Structural Analysis and design shall be carried out for dead load, live load, seismic and wind loads as per relevant IS codes

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	b) For Buildings, load combinations shall be as per IS 875 (Part 5). c) For water retaining structures load combinations shall be as per Table 1 of IS 3370 (Part2). d) UG sumps shall be designed for following loading conditions as per clause 4.2 of IS 3370 (Part 2) i) Tank full with water and no earth outside ii) Tank empty inside and fully submersed soil out side e) UG sumps shall also be checked for uplift pressure as per clause 8 (c) of IS 3370 (part 1) : 2021. f) Structural analysis and design of super structure and foundation shall be done manually/through excel sheets/ Software as per relevant IS codes. g) Provns of IS 13920 shall be followed in addition to IS 456 is all buildings.																																			
NEW CLAUSE-05	PARAMETERS FOR STRUCTURAL DESIGN OF STEEL BUILDINGS (PEB OR OTHERWISE) Design Life shall be 100 years for all steel structures																																			
NEW CLAUSE-06	Basic geometric parameters and finishes & other specifications of structures shall be as under <table border="1" data-bbox="432 779 1485 1335"> <thead> <tr> <th data-bbox="432 779 772 846">Frame type</th> <th colspan="2" data-bbox="772 779 1485 846">Frame type Rigid frame-clear span (Pre-Engineered Structure)</th> </tr> </thead> <tbody> <tr> <td data-bbox="432 846 772 880">Width</td> <td colspan="2" data-bbox="772 846 1485 987" rowspan="4">As per architectural drawings</td> </tr> <tr> <td data-bbox="432 880 772 913">Length</td> </tr> <tr> <td data-bbox="432 913 772 947">Eve length</td> </tr> <tr> <td data-bbox="432 947 772 981">Roof slope</td> </tr> <tr> <td data-bbox="432 981 772 1014">Bay spacing</td> <td colspan="2" data-bbox="772 981 1485 1014">As per design</td> </tr> <tr> <td data-bbox="432 1014 772 1093">Brackets and Gantry Girder for EOT crane</td> <td colspan="2" data-bbox="772 1014 1485 1093">As per design (if shown in arch drgs)</td> </tr> <tr> <td data-bbox="432 1093 772 1126">Wind bracing</td> <td colspan="2" data-bbox="772 1093 1485 1126">As per design</td> </tr> <tr> <td data-bbox="432 1126 772 1160">Roof Sheeting</td> <td colspan="2" data-bbox="772 1126 1485 1160">Galvalume sheet roofs</td> </tr> <tr> <td data-bbox="432 1160 772 1193">Gable Sheeting</td> <td colspan="2" data-bbox="772 1160 1485 1193">Galvalume sheet roofs</td> </tr> <tr> <td data-bbox="432 1193 772 1227">Flooring</td> <td colspan="2" data-bbox="772 1193 1485 1227">As per Schedule of finishes drawings and as specified in PS</td> </tr> <tr> <td data-bbox="432 1227 772 1305">Bird Proofing</td> <td colspan="2" data-bbox="772 1227 1485 1305">Bird proofing /Anti bird hazard mesh shall be provided all as specified, if shown in Arch drawings.</td> </tr> <tr> <td data-bbox="432 1305 772 1335">Painting</td> <td colspan="2" data-bbox="772 1305 1485 1335"></td> </tr> </tbody> </table>			Frame type	Frame type Rigid frame-clear span (Pre-Engineered Structure)		Width	As per architectural drawings		Length	Eve length	Roof slope	Bay spacing	As per design		Brackets and Gantry Girder for EOT crane	As per design (if shown in arch drgs)		Wind bracing	As per design		Roof Sheeting	Galvalume sheet roofs		Gable Sheeting	Galvalume sheet roofs		Flooring	As per Schedule of finishes drawings and as specified in PS		Bird Proofing	Bird proofing /Anti bird hazard mesh shall be provided all as specified, if shown in Arch drawings.		Painting		
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NEW CLAUSE-07	PAINTING TO STEEL SURFACES Following specification shall be adopted at all locations for painting to steel structures, steel PEB structures, exposed steel components of STP; considering durability criteria : <table border="1" data-bbox="432 1469 1485 2009"> <thead> <tr> <th data-bbox="432 1469 523 1536">Ser No</th> <th data-bbox="523 1469 751 1536">Protection</th> <th data-bbox="751 1469 1485 1536">Specification</th> </tr> </thead> <tbody> <tr> <td data-bbox="432 1536 523 1704">i.</td> <td data-bbox="523 1536 751 1704">Surface preparation</td> <td data-bbox="751 1536 1485 1704">Sand Blast clean to remove all mill scale and rust and necessary surface preparation which includes removal of loose particles, crack treatment, rendering the imperfections in the surface with Polymer fairing coat/ mortar. The surface shall be ensured in dry condition before application of the protective coating.</td> </tr> <tr> <td data-bbox="432 1704 523 1839">ii.</td> <td data-bbox="523 1704 751 1839">Pre-fabrication primer</td> <td data-bbox="751 1704 1485 1839">One coat of FOSROC Nitocote EP 50 (Two component Red Oxide primer based on epoxy poly amide) applied to a dry film thickness (DFT) of 50 microns or equivalent of Asian Paints, Berger, J&N, Dulux</td> </tr> <tr> <td data-bbox="432 1839 523 1973">iii.</td> <td data-bbox="523 1839 751 1973">Post fabrication 1st coat</td> <td data-bbox="751 1839 1485 1973">One coat of FOSROC Nitocote EP 110 (Two component Micaceous iron oxide based on epoxy polyamide) coating applied at DFT of 110 microns or equivalent of Asian Paints, Berger, J&N, Dulux</td> </tr> <tr> <td data-bbox="432 1973 523 2009">iv.</td> <td data-bbox="523 1973 751 2009">Intermediate coat</td> <td data-bbox="751 1973 1485 2009">One coat of FOSROC Nitocote EP 100 (Two component,</td> </tr> </tbody> </table>			Ser No	Protection	Specification	i.	Surface preparation	Sand Blast clean to remove all mill scale and rust and necessary surface preparation which includes removal of loose particles, crack treatment, rendering the imperfections in the surface with Polymer fairing coat/ mortar. The surface shall be ensured in dry condition before application of the protective coating.	ii.	Pre-fabrication primer	One coat of FOSROC Nitocote EP 50 (Two component Red Oxide primer based on epoxy poly amide) applied to a dry film thickness (DFT) of 50 microns or equivalent of Asian Paints, Berger, J&N, Dulux	iii.	Post fabrication 1st coat	One coat of FOSROC Nitocote EP 110 (Two component Micaceous iron oxide based on epoxy polyamide) coating applied at DFT of 110 microns or equivalent of Asian Paints, Berger, J&N, Dulux	iv.	Intermediate coat	One coat of FOSROC Nitocote EP 100 (Two component,																		
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		Titanium dioxide top coat based on epoxy polyamide) coating applied at DFT of 100 microns or equivalent of Asian Paints, Berger, J&N, Dulux
	v.	Top coat One coat of FOSROC Deckguard PU (Two component, Aliphatic Polyurethane based finish coat) applied at DFT of 40 microns or equivalent of Asian Paints, Berger, J&N, Dulux
NEW CLAUSE-08	Steel without protective coating shall not be stored for long duration in outdoor environment.	
NEW CLAUSE-09	Member to be assembled by welding shall not be pre-painted at regions adjacent to the location of such welds. However, after welding, appropriate protective coatings shall be applied in the region. If the contact surfaces cannot be properly protected against ingress of moisture by surface coating, they may be completely sealed by appropriate welds.	
NEW CLAUSE-10	Pre-painted members shall be protected against abrasion of the coating during transportation, handling and erection.	
NEW CLAUSE-11	Painting shall be done in accordance with IS 1477 (Part-I and Part-II).	
NEW CLAUSE-12	The work shall be carried out complete as per manufacture's specifications and application methodology. Execution to be done with authorized trained/skilled applicator of manufacturer as per the technical guidelines laid by manufacturer. Company back guarantee to be given by contractor after completion of Water Proofing work before payment.	
NEW CLAUSE-13	MATERIAL SPECIFICATIONS FOR STEEL STRUCTURES Concrete (i) RCC in Foundation: M-25 (Design Mix) as per IS-456-2000 or higher grade if required	
NEW CLAUSE-14	STEEL i) Primary Members: - The plate or bar shall be of grade E 350 (Fe 490) of IS: 2062 and hot rolled section shall be E 250 (Fe 410W) B. The minimum thickness shall not be less than 8mm primary members and gusset plate. Members designed from plates or bars shall have joined flanges and web on both side of the web by continuous welding process. ii) Secondary Members and purlins: The plate or bar shall be of grade E 350 (Fe 490) of IS:2062 and hot rolled section shall be E 250 (Fe 410W) B. The minimum thickness of secondary members shall not be less than 6.0 mm. iii) Bolts Nuts and washers: - Bolts, nuts and washers shall be of property class 8.8 Grade having galvanized/zinc plated confirming to IS: 1364. Holding down bolts shall be of property class 4.6 Grade (Grade B) confirming to IS: 1367 and shall in accordance with IS: 5624. Welding: Welding shall be metal arc welding confirming to IS: 814 and electrodes shall be confirming to IS: 816. iv) The base material of galvalume sheet shall be polyester coated high tensile cold rolled steel as per AS1397 coating class AZ150 (min 150 gm/M2 zinc aluminum alloy coating mass, total of both sides) 0.8 BMT (Base Metal Thickness) with hot-dip metallic coating of aluminum zinc and alloy (ALUMINIUM 55% AND Zinc 45%) having a yield strength not less than 550 Mpa. v) Painting Scheme of Galvalume Sheet: The thickness of paint coating for exterior surface (top coat) as shall be Min 20 Micron and bottom 7 Micron of silicon modified polyester or PVDF coating per BIS 14246 clause 4.3, the top & bottom finished surface of pre-painted, galvalume sheet shall have guard film/Polyethylene sheet.	

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NEW CLAUSE-15	<p>DESIGN LOADS FOR STEEL STRUCTURES</p> <p>DEAD LOAD : Self weights from all supported and supporting elements and as per provisions of IS 875 (Part-1)</p> <p>LIVE LOAD : As per provisions of IS: 875 (Part-2)</p> <p>WIND LOAD : As per provisions of IS: 875 (Part-3)</p> <p>SESMIC LOAD : As per provisions of IS: 1893 with Importance Factor- 1.5, Earthquake Zone- as per location.</p> <p>OTHER LOAD : Temperature, erection, crane loads and other loads will be considered as per relevant data provided or as per any other IS Code relevant to the design of these bldgs. Collateral Load shall not be less than 25kg/sqm.</p> <p>LOAD COMBINATION : As per provisions of IS: 875 Part-5 and IS: 800 table 4</p>
NEW CLAUSE-16	<p>SPECIAL GUIDE LINES FOR DESIGN FOR PEB BUILDING</p> <p>Designer to ensure that substructure (Foundation) is able to physically accommodate the required anchor bolts and that the sub-structure is designed for proper transfer of loads from super structure to the foundation.</p>
NEW CLAUSE-17	<p>Following guidelines shall be followed in design : -</p> <ol style="list-style-type: none"> 1. Structures shall be designed for fixed column base and will be checked for Pinned Column support. 2. Cross bracing on columns and roof members at eaves and ridge level shall be provided. 3. Field fabrication will not be allowed and all members shall be shop/factory fabricated. 4. Gap between inner liner lining and wall cladding where ever shown to be flushed. 5. Rod bracing is to be provided on the roof trusses and purlins 6. Purlins shall be bolted to top flanges of rafters and to each other purlins laps by means of machine bolts conforming to ASTM A 307 M type A. 7. Roof is laid perpendicular to the roof purlin respectively and fastened to them by means of self- drilling fasteners. 8. SBC (Safe Bearing Capacity) for foundation design of stanchions as per soil investigation report. 9. Back filling in footing of columns for PEB building shall be carried out with approved earth.
NEW CLAUSE-18	<p>ANALYSIS AND DESIGN OF STEEL STRUCTURES</p> <ol style="list-style-type: none"> a) Analysis and design of PEB shall be carried out as per IS 800 and RCC foundation as per IS 456 and any other relevant IS codes. Structure shall be designed as per Limit state method and shall be checked for limit state of serviceability. b) Notional Horizontal Load as per section 4.3.6 of IS 800 shall be applied on structure and checked. c) The interaction relationship for combined axial force and bending moment shall satisfy as per section 9.3 of IS 800. d) Structure shall be checked for combined shear and bending as per Section 9.2 of IS 800. e) Deflection both lateral & vertical shall be within the limit as per Table -6 of IS: 800-2007 Limiting Width to thickness ratio of elements shall be as per Table 2 of IS 800. f) Transfer of horizontal forces due to wind and EQ to the foundation should be ensured by proper means. Uplift due to wind and EQ should be checked for beam and column foundations. g) Expansion joints shall be provided as per section 3.10 of IS: 800. Expansion contraction forces also to be checked for location of the proposed buildings. h) Bracings shall be provided as per section 3.10.3 of IS 800. Additional bracing shall also be provided as suggested by client. i) Erection loads to be considered while designing for reversal of stresses.

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NEW CLAUSE-19	<p>THIRD PARTY VETTING / PROOF CHECKING</p> <p>a) The vetting of structural design (including all design calculations) and drawings shall be got done from any IIT/IISc Bangalore/ NIT.</p> <p>b) The vetting of structural design and drawings shall be from the designated institute (duly signed by authorized signatory on behalf of the Institute) and not from a professor/individual of the institute in his personal capacity. The institute vetting the designs and drawings shall ensure that the designs and drawings are in compliance as per laid down IS Standards, regulations and sound engineering practices.</p> <p>c) A certificate that all details have been thoroughly checked and are in compliance to standards, codes, regulations in respect of safety and soundness shall be obtained from vetting agency by the consultant and shall be submitted to the department. Note: If the Auth signatory of institute is not a faculty of Structural Engg, the drawings shall also be signed by Prof/faculty of Structural Engg</p> <p>d) Vetting agency will also be liable and answerable for any design deficiencies detected during design life of the structures and may be called upon to address such issues, if any.</p>
NEW CLAUSE-20	<p>SUBMISSION OF FINAL DOCUMENTS AND DRAWINGS</p> <p>(a) Construction agency shall submit the following documents and drawings duly vetted within time period as specified.</p> <p>(i) Final Design Folder incl all design : 01 Folder & CD calculations, STAAD file, Auto CADD drgs hard copy as well as soft copy in a CD. Note: Structural Consultant/Engineer qualification and experience certificate to be attached in design folder</p> <p>(ii) Original Tracings of all drawings. : 01 set on tracing paper (Duly signed by Structural Consultant/Engineer and Vetted by Vetting Institute)</p> <p>(iii) Printout of drawing : 01 set of each drg* (Duly signed by Structural Consultant/Engineer and Vetted by Vetting Institute)</p> <p>(b) The first sheet of drawing shall include following points:</p> <p>(i) IS codes followed</p> <p>(ii) All parameters considered for design including material properties</p> <p>(iii) Load and load combinations</p> <p>(iv) Bearing capacity of soil</p>
NEW CLAUSE-21	<p>Liability of Construction agency, Structural Consultant/Engineer and Vetting Institute :</p> <p>The overall responsibility shall rest with the Construction agency, Structural Consultant/Engineer & Vetting Institute after acceptance of tender for faulty structural design and drawings and defect/damage detected in designed infrastructure due to faulty design during its design life.</p>
NEW CLAUSE-22	<p>1. GENERAL.</p> <p>The following special conditions shall be read in conjunction with the General conditions of contract IAFW-2249, and IAFW-1779-A including Errata/Amendments thereto. If any provision in these special conditions is at variance with that of the aforesaid documents, the former shall be deemed to take precedence there over.</p>
NEW CLAUSE-23	<p>2. INSPECTION OF SITE.</p> <p>For the purpose of inspection of site, the tenderer is advised to contact the GE who will give reasonable facilities thereof. The tenderer shall also make himself familiar with the working conditions, accessibility to site of work, availability of labour and materials and such other relevant conditions which effect the execution and the entire completion of the works. The tenderer shall be deemed to have inspected the site and made himself familiar with various factors which June effect his quotation whether he actually inspects the site or not.</p>
NEW CLAUSE-24	<p>3. SECURITY AND PASSES</p>

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	<p>3.1 Contractor's attention is invited to condition 25 of IAFW-2249. He shall employ only Indian Nationals after verifying their antecedent and loyalty. The contractor shall, on demand by the Engineer-in-Charge submit list of his agents, employees and work people concerned and shall satisfy the Engineer-in-Charge as to the bonafides of such people.</p> <p>3.2 The Engineer-in-Charge shall at his discretion have the right to issue passes as per rules and regulations of the installation, area in force to control the admission of the contractor, his agent's employees and work people to the site of the work or any part thereof. Passes should be returned at any time on demand by the Engineer-in-Charge or the authorities concerned and, in any case on completion of work.</p> <p>3.3 The contractor and his agents, employees and work people shall observe all the Rules promulgated by the authority controlling the installation/ area in which the work is to be carried out eg., prohibition of smoking and lighting, fire precautions, search of persons on entry and exit, keeping to specific route, observing specified timing etc., Nothing extra shall be admissible for any man-hours, etc., lost on this account.</p>
NEW CLAUSE-25	<p>4. CONDITIONS OF WORKING IN RESTRICTED AREA. Work under this contract lies in restricted area.</p> <p>4.1 VISIT TO SITE WITHIN THE RESTRICTED AREA. Permission to enter the restricted areas at the time of submission of tenders can be obtained through the Garrison Engineer. Tenderers are advised to send prior intimation of their agents, representatives etc., if any, dates and time of their proposed visit so that necessary arrangements June be made by GE to secure admission. Whether a tenderer visits the site or not he shall be deemed to have full knowledge of the restriction of entering into/exit from and working within the restricted area.</p> <p>4.2 ENTRY/EXIT. The contractor his agents/representatives, workmen etc., and his materials, carts, trucks or other means of transport etc., will be allowed to enter through and leave from only such gate or gates and such times as the GE or authorities in charge of the restricted areas June at their sole discretion permit to be used. The contractor's authorized representatives are required to be present at the place of entry and exit for the purpose of identifying his carts, trucks etc., to the personnel in charge of the security of restricted areas.</p> <p>4.3 IDENTITY CARDS OR PASSES. The contractor, his agents and representatives are required individually to be in possession of an Identity Card or Pass duly verified by the Garrison Engineer. The identity card or pass will be examined by the Security Staff at the time of entry inot or exit from the Restricted Area and also at any time or number of times inside the Restricted Area.</p> <p>4.4 IDENTITY OF WORKMEN.</p> <p>4.4.1 Every workman shall be in possession of an identity card/token issued by the authority. The Identity Card will be issued after thorough investigation of the antecedents of the labourers by the contractors and attested by Officer-in-Charge of the unit concerned in accordance with the Standing Rules and Regulations of the units.</p> <p>4.4.2 Contractor shall be responsible for the conduct and action of his workmen, agents or representatives.</p> <p>4.5 SEARCH.</p>

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	<p>Thorough search of all persons and transport shall be carried out at each gate and for as many times as the gate is used for entry or exit and June also be carried out at any time or any number of times at the work site within the Restricted area.</p> <p>4.6 FEMALE SEARCHER.</p> <p>If the contractor desires to employ female labour on works to be carried out inside the area of a Factory, Depot, Park etc., and a female searcher is not borne on the authorized strength of the Factory, Depot, Parks etc., at the time of submission of the tender. He shall be deemed to have allowed in his tender for pay and allowances etc., for a Female searcher (Class IV) Servant/Group 'D' Servant) calculated for the period, female labour is employed by him inside that area. If more than one contractor employ female labour any month and female searcher(s) has/have to be employed in addition to the authorised strength of the Factory, Depot, Parks etc., The salary and allowances paid to the additional female searcher's shall be distributed on an equitable basis between the contractor's employing female labour taking inot consideration the value and period of completion of their contracts. The GE's decision in regard to the amount recoverable on this account from any contractor shall be final and binding.</p> <p>4.7 WORKING HOURS.</p> <p>4.7.1 The units controlling restricted area, usually, work during six days in the week and remain closed on the 7 th day. The working hours available to contractor's labour & staff are however, appreciably reduced because of the time taken in security checks observed at the time of entry/exit and during working hours.</p> <p>4.7.2 The exact working hours, days and non working days observed for the restricted area, where works are to be carried out shall be deemed to have been ascertained by the contractor before submitting his tender. The tenderer's attention is, invited to the fact that the total number of working hours for a unit are prescribed in Regulations and they cannot be increased by the Garrison Engineer.</p> <p>4.7.3 Contractor's materials, transport etc., shall normally be permitted to go out of the area between 8 AM to 6 PM only.</p> <p>Contractor June also be allowed to carry out the work beyond 6 PM and upto 6 AM (Day & Night) but however, no movements of materials and transport out of site of work shall be permitted during night unless special permission is obtained from the factory/unit authorities</p> <p>4.8 WORK ON HOLIDAYS.</p> <p>The contractor shall not carry out any work on Gazetted Holidays/Weekly holidays and other non-working days except when he is specially authorized in writing to do so by the GE. The GE June at his sole discretion, declare any day as holiday or non-working day without assigning any reasons for such declaration.</p> <p>4.9 ACCESS TO RESTRICTED AREA AFTER COMPLETION OF WORKS:-</p> <p>The contractor shall not carry out any work on Gazetted Holidays/Weekly holidays and other non-working days except when he is specially authorized in writing to do so by the GE. The GE June at his sole discretion, declare any day as holiday or non-working day without assigning any reasons for such declaration.</p> <p>4.10 FIRE PRECAUTIONS.</p> <p>4.10.1 The contractor, his agents, representative, workmen etc., shall strictly observe the orders pertaining to fire precautions prevailing within the restricted area.</p> <p>4.10.2 Motor transport vehicles, if any allowed by authorities to enter the restricted area, must be fitted with serviceable fire extinguishers.</p>

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NEW CLAUSE-26	<p>5. NET WORK ANALYSIS.</p> <p>5.1 The time and progress chart to be prepared as per condition 11 of General conditions of contract (IAFW-2249) shall consists of detailed net work analysis and time schedule. The critical path net work will be drawn jointly by the GE and the contractor soon after acceptance of tender. The time scheduling of the activities will be done by the contractor so as to finish the work within the stipulated time. On completion of the time schedule a firm calendar date schedule will be prepared and submitted by the contractor to the GE who will approve it after scrutiny. The schedule will be submitted in four copies within two weeks from the date of handing over the site.</p> <p>5.2 During the currency of work, the contractor is expected to adhere to the time schedule and this adherence will be a part of the contractor's performance under the contract. During the execution of the work, the contractor is expected to participate in the review and updating of the network undertaken by the GE. These reviews June be undertaken at the discretion of the GE either as a periodical appraisal measure or when the quantum of work ordered on the contractor is substantially changed through deviation orders or amendments. Any revision of the time Schedule as a result of the review will be submitted by the contractor to the GE within a week for the approval after due scrutiny.</p> <p>5.3 The contractor shall adhere to the reviewed time schedule thereafter. In case of contractor disagreeing with the revised schedule, the same will be referred to the Accepting Officer, whose decision shall be final, conclusive and binding. GE's approval to the revised schedule resulting in completion date beyond the stipulated date of completion shall not automatically amount to grant of extension of time. Extension of time shall be considered and decided by the appropriate authority mentioned in condition 11 of IAFW-2249 and separately regulated.</p> <p>5.4 Contractor shall mobilize and employ sufficient resources to achieve the detailed schedule within the broad frame work of the accepted methods of working and safety. No additional payment will be made to contractor for any multiple shift work or other incentive methods contemplated by him in his schedule, even though the time schedule is approved by the department.</p>
NEW CLAUSE-27	<p>6. SECURITY OF CLASSIFIED DOCUMENTS.</p> <p>Contractor's special attention is drawn to condition 2 A and 3 of General conditions of contract IAFW-2249. The contractor shall not communicate any classified information regarding work either to sub-contractors or others without prior approval of Engineer-in-Charge. The contractor shall also not make copies of the design/ drgs and other documents furnished to him in respect of works and he shall return all documents after completion of works or on earlier determination of contract. The contractor shall along with final bill attach a receipt from the Engineer-in-Charge in respect of his having returned the classified documents as per condition of General Conditions of Contract.</p>
NEW CLAUSE-28	<p>7. CONTRACTORS REPRESENTATIVES, AGENTS AND WORKMEN.</p> <p>The contractor shall employ only Indian Nationals as his representative, Servants and workmen after verifying their antecedents and loyalty before employing them for the work. He shall ensure that no person of doubtful antecedents and Nationality is, in any way, associated with the works. If for any reasons of Technical collaboration or consideration, the employment of any foreign National is unavoidable, the contractor shall furnish particular to this effect to the Accepting Officer at the time of submission of his tender. GE shall order the Contractor to cease to employ in connection with this contract any representatives, agents, servants and workmen or employees whose</p>

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	continued employment in his opinion is undesirable. The contractor shall not be allowed any compensation on this account.
NEW CLAUSE-29	<p>8. MINIMUM FAIR WAGES.</p> <p>Refer condition 58 of General Conditions of Contract (IAFW-2249). The contractor shall have no claim whatsoever, if for reasons other than those mentioned in condition 63 of IAFW-2249 he is required to pay wages in excess of the Minimum Fair Wages shown in Schedule of minimum fair wages under condition 58 of IAFW-2249.</p>
NEW CLAUSE-30	<p>9. ROYALTIES.</p> <p>Delete the existing condition 14 of General Conditions of Contract (IAFW-2249) and insert the following:-</p> <p>No quarries on Defence land are available.</p>
NEW CLAUSE-31	<p>10. SALES TAX ON WORKS CONTRACT.</p> <p>10.1 The tenderer shall specially note that his offer shall be inclusive of all taxes; statutory levies etc, including sales tax on works contract consequent upon 46 th amendments to constitution of India and nothing extra shall be admissible on this account.</p> <p>10.2 Any conditional tenders regarding payment of Sales Tax will not be considered and is liable to be rejected.</p> <p>10.3 In terms of State Govt Sales Tax rules in vogue and as promulgated from time to time, sales tax on works contract will be recovered at source from payments to be made to the contractor at rates as specified by the Govt and no extra payment shall be admissible to the contractor on this account.</p>
NEW CLAUSE-32	<p>11. GST AS APPLICABLE.</p> <p>Please note that GST as applicable/Labour Welfare Cess/Tax and element towards ESI & PF contribution shall be applicable to this Contract besides other applicable taxes/ levies as per Law of Land. The quoted offer is deemed to include this Provision.</p>
NEW CLAUSE-33	<p>12. PERIOD FOR KEEPING THE TENDER OPEN.</p> <p>The tender shall remain open for acceptance for period of 60 (SIXTY) days from the date on 13.0 CONSTRUCTION LABOUR WELFARE TAX. Consequent upon promulgation of ordinance by the president of India, contractor shall be liable to pay an element for construction labour welfare tax if any and the quoted rates/amounts shall be deemed to be inclusive of this element and no extra payment shall be admissible to the contractor on this account irrespective of actual payment.</p>
NEW CLAUSE-34	<p>13. CONSTRUCTION LABOUR WELFARE TAX.</p> <p>Consequent upon promulgation of ordinance by the president of India, contractor shall be liable to pay an element for construction labour welfare tax if any and the quoted rates/amounts shall be deemed to be inclusive of this element and no extra payment shall be admissible to the contractor on this account irrespective of actual payment.</p>
NEW CLAUSE-35	<p>14. OFFICIAL SECRET ACT.</p> <p>The Contractor shall be bound by the official secrets Act – 1923.</p>
NEW CLAUSE-36	<p>15. DAMAGE TO EXISTING STRUCTURES.</p> <p>Any damage done to the existing pavement and structure etc, during the execution of the work shall be made good by the contractor at his own expenses and site of works left clean and tidy on</p>

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	completion. Rectification, reinstatement, replacement, making good and touching up etc, shall be carried out to conform to the materials and workmanship originally as provided and to the satisfaction of the Engineer-in-Charge. In case of any dispute on this account, decision of the GE shall be final and binding.
NEW CLAUSE-37	<p>16. PRODUCTION OF VOUCHERS/INVOICES FOR MATERIALS PRODUCED BY THE CONTRACTOR:</p> <p>16.1 Materials brought by the contractor to the site of work for incorporation in the work shall confirm to the sample approved by GE which the tenders are due to be submitted.</p> <p>16.2 Contractor shall produce original vouchers/ invoices with two Photostat copies from the manufacturers and/or from their authorised agents in respect of the following materials as and when these are purchased. The contractor shall ensure that vouchers/invoices for the materials are submitted immediately on their purchase but not later than the date in which the said materials are claimed in the RAR. The contractor shall produce original receipted voucher of suppliers to the GE, if called upon by the later to do so, to ensure that the contractor has actually brought the required quantity and the quantity of the materials from the authorized dealer/manufacturers and also to find out the rates thereof, these vouchers shall be endorsed, dated and initialed by the Engineer-in-Charge giving CA NO& Name of work and certified copy of such voucher signed both by Engr-in-Charge and contractor, shall be kept on MES Record.</p> <ul style="list-style-type: none"> a) Cement b) Synthetic enamel Paint c) Distemper d) White wash e) Lime f) Steel g) Glass h) Structural steel i) Sanitary fittings j) Galvalume sheet k) Interlocking tiles l) Non skid ceramic tiles m) Glazed ceramic tiles n) Builders Hardware o) All Electrical items <p>16.3 Production of Vouchers/invoices shall be pre-requisite for consideration of RAR in respect of materials produced/work executed (out of materials produced). No items of materials/work done shall be included in the RAR for which the original and the copies of vouchers/invoices have not been produced in advance.</p> <p>16.4 Production of Vouchers/invoices shall be pre-requisite for consideration of RAR in respect of materials produced/work executed (out of materials produced). No items of materials/work done shall be included in the RAR for which the original and the copies of vouchers/invoices have not been produced in advance.</p>
NEW CLAUSE-38	17. WATER.

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	Refer Condition 31 of General Conditions of Contract IAFW-2249. Water will be supplied by MES at the point(s) as directed by the Engineer-in-charge. As the water supply by MES is likely to be intermittent, the contractor shall make his own arrangements for storing the water required for the works, labour and workmen etc., at his own expense.
NEW CLAUSE-39	<p>18. CO-OPERATION WITH OTHER AGENCIES.</p> <p>The contractor shall permit free access and generally afford reasonable facilities to other agencies or departmental workmen engaged by the Government to carry out their part of work, if any, under separate arrangements.</p>
NEW CLAUSE-40	<p>19. ELECTRIC SUPPLY.</p> <p>Electricity will be supplied by MES. The contractor will be charged for electric energy consumed at the following rates:-</p> <p>(i) At Rs 13.08 per Unit for lighting.</p> <p>(ii) At Rs 13.08 per Unit for power.</p> <p>Electric supply required for works will be made available by the MES at the incoming terminal of the main switch marked on the layout plan. The main switch and KWH meter to register the electric energy supplied will be provided and installed by MES. The contractor shall provide all necessary connections cable, fittings etc., from the main switch in order to ensure proper and suitable supply of electricity for the execution of work. MES do not guarantee continuity of supply and no compensation whatsoever shall be allowed for supply becoming intermittent or for break down in the system.</p>
NEW CLAUSE-41	<p>20.RE-IMBURSEMENT/REFUND ON VARIATION IN “TAXES DIRECTLY RELATED TO CONTRACT VALUE” (CONTD.....)</p> <p>(a) The rates quoted by the Contractor shall be deemed to be inclusive of GST as applicable, Labour Welfare cess/tax etc.), payable under the respective Statutes. No reimbursement/refund for variation in rates of taxes, duties, Royalties, Octroi & other levies, and/or imposition/abolition of any new/existing taxes, duties, Royalties, Octroi & other levies shall be made except as provide in sub para (b) here-in-below.</p> <p>(b) (i) The taxes which are levied by Govt at certain percentage rates of Contract Sum/Amount shall be termed as “taxes directly related to Contract Value” Such as Sales Tax/VAT on Works Contracts, Turnover Tax, Labour Welfare Cess / tax and like but excluding Income Tax. The tendered rates shall be deemed to be inclusive of all “taxes directly related to Contract value” with existing percentage rates as prevailing on last due date for receipt of tenders. Any increase in percentage rates of “taxes directly related to Contract value” with reference to prevailing rates on last due date for receipt of tenders shall be reimbursed to the Contractor and any decrease in percentage rates of “taxes directly related to Contract value” with reference to prevailing rates on last due date for receipt of tenders shall be refunded by the Contractor to the Govt/deducted by the Govt from any payments due to the Contractor. Similarly imposition of any new “taxes directly related to Contract value” after the last due date for receipt of tenders shall be reimbursed to the Contractor and abolition of any “taxes directly related to Contract value” prevailing on last due date for receipt of tenders shall be refunded by the Contractor to the Govt/deducted by the Govt from the payments due to the Contractor.</p> <p>(ii) The contractor shall, within a reasonable time of his becoming aware of variation in percentage rates and/or imposition of any further “taxes directly related to Contract value”, give written notice thereof to the GE stating that the same is given pursuant to this Special Condition, together with all information relating there to which he June be in a position to</p>

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	<p>supply. The Contractors shall submit the other documentary proof/information's as the GE June require.</p> <p>(iii) The Contractor shall, for the purpose of this condition keep such books of account and other documents as are necessary and shall allow inspection of the same by a duly authorized representative of Govt, and shall further, at the request of the GE furnish, verified in such a manner as the GE June required.</p> <p>(iv) Reimbursement for increase in percentage rates/imposition of "taxes directly related to Contract value" shall be made only if the Contractor necessarily & properly pays additional "taxes directly related to Contract value" to the Govt, without getting the same adjusted against any other tax liability or without getting the same refunded from the concerned Govt Authority and submits documentary proof for the same as the GE June require"</p> <p>Note: Please note that GST as applicable/ Labour Welfare Cess/ Tax and element towards ESI & PF contribution shall be applicable to this Contract besides other applicable taxes/ levies as per Law of Land. The quoted offer is deemed to include this Provision.</p>
NEW CLAUSE-42	<p>21.CO-OPERATION WITH OTHER AGENCIES.</p> <p>The contractor shall permit free access and generally afford reasonable facilities to other agencies or departmental workmen engaged by the Government to carry out their part of work, if any, under separate arrangements.</p>