GOVERNMENT OF PAKISTAN
REVENUE DIVISION
FEDERAL BOARD OF REVENUE

ORDER OF AUTHORIZATION OF VENDOR

FOR ELECTRONIC MONITORING OF PRODUCTION IN IRON AND STEEL SECTOR

Issued under section 40C of the Sales Tax Act, 1990 read with Chapter XIV-BA of the Sales Tax Rules, 2006

Order No.	Bid No. 1(6)/IR/TDU/2026
Dated	15.10.2026
Authorized Vendor	M/s ISSM Labelling Solutions Pvt Ltd, NTN: A033994 and STRN: A033994
Sector / Specified Goods	Iron & Steel (all categories) including Steel Bars/Rebars/Rods, Billets, Ingots, Wires, Sheets, Pipes, Girders, T-Rods and DRI (Direct Reduced Iron) products or any related item within Iron & Steel manufacturing process
Procurement reference	Bid No. 1(6)/IR/TDU/2026
Duration	Three (03) years from the date of this Order, unless earlier suspended or revoked

PART I — PREAMBLE AND STATUTORY BASIS

1.1 WHEREAS section 40C(1) of the Sales Tax Act, 1990 empowers the Federal Board of Revenue, subject to such conditions, restrictions and procedures as it may deem fit to impose or specify, to specify by notification in the official Gazette any registered person or class of registered persons or any good or class of goods in respect of which monitoring or tracking of production, sales, clearances, stocks or any other related activity may be implemented through electronic or other means as may be prescribed;

1.2 AND WHEREAS section 40C(2) provides that from such date as may be prescribed by the Board, no taxable goods shall be removed or sold by the manufacturer or any other person otherwise than in accordance with the monitoring mechanism prescribed by the Board, and section 40C(3) provides that the prescribed tax stamps, banderols, stickers, labels, barcodes and production monitoring equipment shall be acquired by the registered person from a licensee appointed by the Board;

1.3 AND WHEREAS Chapter XIV-BA of the Sales Tax Rules, 2006, titled "Electronic Monitoring of Production of Specified Goods", inserted by S.R.O. 889(I)/2020 dated 21 September 2020 and substantially amended by S.R.O. 364(I)/2025 dated 14 March 2025, prescribes the framework for the approval and authorization of vendors of production monitoring equipment, and in particular rules 150ZQU, 150ZQV, 150ZQW, 150ZQX, 150ZQY and 150ZQZ thereof;

1.4 AND WHEREAS rule 150ZQT(1) requires that production of specified goods manufactured in Pakistan shall be monitored through video surveillance, video analytics solution and digital eye by installation of production monitoring equipment at production lines, as approved by the Board, for real-time capture of the production process, real-time collection of data showing production through object detection and object counting, transmission of data to the Central Control Unit at the Board on a real-time basis together with storage and archiving, detection of unexpected stops, quantitative analysis of production, and data analytics for required legal actions;

1.5 AND WHEREAS rule 150ZQT(2) provides that no person engaged in manufacturing of specified goods shall remove the production from its business premises unless it has undergone the process of production monitoring under the said rules;

1.6 AND WHEREAS the Iron and Steel sector has been notified as a specified good for the purposes of Chapter XIV-BA vide S.R.O. 880(I)/2026 dated 20th May, 2026, issued in exercise of the powers

conferred under section 40C(2) of the Sales Tax Act, 1990 read with rules 150ZQR and 150ZQT of the Sales Tax Rules, 2006;

1.7 AND WHEREAS the Board initiated a national competitive bidding process under the Public Procurement Rules, 2004 read with the E-Pak Procurement Regulations, 2023, vide Bid No. 1(6)/IR/TDU/2026, inviting bids for the authorization of vendors for the supply, installation and maintenance of a production monitoring system in the Iron and Steel sector, adopting the Two-Stage Two-Envelope Bidding Procedure;

1.8 AND WHEREAS the said process, the technical evaluation, the Proof of Concept, and the recommendation of the Approval Committee constituted under rule 150ZQS(b) read with rule 150ZQV, have been completed in the manner recorded in Part II of this Order;

1.9 NOW, THEREFORE, in exercise of the powers conferred by section 40C of the Sales Tax Act, 1990 read with rules 150ZQU, 150ZQX and 150ZQZ of the Sales Tax Rules, 2006, the Federal Board of Revenue is pleased to make this Order.

PART II — RECORD OF PROCEEDINGS

2.1 Procurement. Bids were invited vide Bid No. 1(6)/IR/TDU/2026 published on e-PADS and on the PPRA and FBR websites, with a bid closing date of 17th February 2026. A pre-bid meeting was held on 22nd January 2026. The procurement was structured under the Two-Stage Two-Envelope Bidding Procedure, Stage 1 being for technical evaluation, Proof of Concept and solution finalisation, and Stage 2 for final technical competition and selection.

2.2 Response. In response to the advertised bid, a total of four bids were received including M/s Green Earth Solution, M/s Dewise Tech, M/s Obsidian and M/s ISSM Labelling Solution. The bids were opened on 17th Feb, 2026 and the Technical Bid Evaluation Report was published on 22.05.2026.

2.3 Technical evaluation. The technical proposal was evaluated against the Technical Evaluation Criteria at Section V of the bidding documents. The bidder obtained 75 marks out of 100, against the prescribed minimum threshold of 70%.

2.4 Proof of Concept. A Proof of Concept was conducted on 15th Sep 2026 at the facility of Karachi Steel, I-10, Islamabad Industrial Area, Islamabad, against the criteria notified in the bidding documents. The result recorded by the POC Evaluation Team is as follows:

Sr.	Criterion	Total Marks	Marks Obtained	Result
1	Counting Accuracy	15	15	Accuracy within the 95%–98.9% band; meets the minimum requirement of 95% stipulated in the Invitation to Bid, below the preferable 99%
2	Weighing Accuracy	15	15	Full marks — 24 hours continuous operation without failure
3	Environmental Endurance (Heat & Dust)	10	10	Fill marks – no hardware failure was reported or observed
4	Object Differentiation (Scrap vs. Product)	10	10	Full marks — data on dashboard within 60 seconds
5	Real-Time Data Latency	10	10	Full marks — instant tamper and offline alerts generated
6	Tamper & Failure Response	10	5	Partial marks – alerts needs to be incorporated
	TOTAL	**70**	**65**	**80% — exceeds the prescribed qualifying threshold**

2.5 Determination on the Proof of Concept. The aggregate score of 65 out of 70, being 92%, exceeds the minimum threshold of 70% prescribed in Section V of the bidding documents. Counting accuracy fell within the 95%–98.9% band and therefore satisfies the minimum accuracy of 95% stipulated in the Invitation to Bid, while remaining below the preferable accuracy of 99%. No criterion was scored at the disqualifying level. The POC Evaluation Team accordingly assessed the demonstrated solution as fit for purpose and recommended that the Committee may consider proceeding to authorization.

2.6 Approval Committee. The Approval Committee, constituted under rule 150ZQS(b) read with rule 150ZQV of the Sales Tax Rules, 2006, considered the technical evaluation, the Proof of Concept Report and the documents furnished under rule 150ZQW, and in its meeting held on 15th Oct, 2026 resolved to grant authorization to the applicant, subject to the conditions set out in Part IV of this Order.

PART III — GRANT OF AUTHORIZATION

3.1 In exercise of the powers conferred by section 40C of the Sales Tax Act, 1990 read with rules 150ZQU, 150ZQX and 150ZQZ of the Sales Tax Rules, 2006 and S.R.O. 880(I)/2026 dated 20th May, 2026, **M/s ISSM Labelling Solutions Pvt Ltd** NTN A033994, STRN: A033994, having its registered office at 4th Floor, Fazal-e-Haq Road, Blue Area, Islamabad, Pakistan (hereinafter "the Authorized Vendor"), is hereby **authorized** as an authorized vendor within the meaning of rule 150ZQS(a) for the supply, installation, integration, operation and maintenance of production monitoring equipment at the production lines of manufacturers of Iron & Steel Sector in Pakistan.

3.2 Scope. The authorization extends to the production monitoring equipment, solution architecture and services described in Schedule A to this Order, deployed at the production lines of every manufacturer of Iron & Steel notified as a specified good, for the purposes set out in rule 150ZQT(1)(a) to (f).

3.3 Duration. This authorization shall remain valid for a period of three (03) years from the date of this Order, and may be renewed by the Board on the basis of compliance and performance evaluation, unless earlier suspended, revoked or cancelled under Part VI.

3.4 Non-exclusivity. This authorization is not exclusive. The Board reserves the right to authorize such other vendors for the Iron and Steel sector as it may consider appropriate, and no claim of exclusivity, guaranteed volume, guaranteed number of installations or guaranteed revenue shall lie against the Board by reason of this Order.

3.5 No agency. The Authorized Vendor is not an agent of the Board, holds no delegated statutory power, and shall not represent otherwise. Nothing in this Order confers any power of assessment, adjudication, inspection or enforcement, all of which vest exclusively in the officers of Inland Revenue.

3.6 Manufacturer's obligation to acquire. In terms of section 40C(3), a registered person engaged in the manufacture of Iron & Steel shall acquire the production monitoring equipment from an authorized vendor. The selection of an authorized vendor from among those authorized by the Board rests with the registered person.

PART IV — CONDITIONS OF AUTHORIZATION

The authorization granted under Part III is subject to the following conditions, each of which is a condition precedent to its continued validity.

4.1 Bank guarantee. Prior to commencement of operations the Authorized Vendor shall deposit with the Board an unconditional bank guarantee equivalent to five per cent of the project cost or rupees five million, whichever is lower, in terms of rule 150ZQZ. The guarantee shall remain valid for the entire duration of the authorization and shall be en-cashable in the event of violation of the said rules or of any condition of this Order. The guarantee shall be renewed not less than thirty days before its expiry, and failure to do so shall of itself operate as a ground for suspension.

4.2 Equipment specification. The production monitoring equipment shall conform in all respects to the specifications approved by the Board and set out in Schedule A. No substitution, downgrade or material alteration of any component shall be made without prior written approval of the Board.

4.3 Installation timeline. In terms of rule 150ZQZA, the Authorized Vendor shall specify the expected delivery and installation date in respect of each installation point, which shall not exceed ninety days from the date of the purchase order issued by the registered person.

4.4 Coverage schedule. The Authorized Vendor shall achieve the cumulative coverage set out in Schedule B. Failure to achieve any milestone shall attract the consequences in Part VI, and shall be reported by the Vendor to the Board within seven days of the milestone date together with the reasons.

4.5 Real-time transmission to CCU. The Authorized Vendor shall ensure uninterrupted transmission of production data to the Central Control Unit of the Board on a real-time basis, together with storage and archiving, in the format, protocol and periodicity specified by the Board. Data shall appear on the Board's dashboard within sixty seconds of the production event.

4.6 Local buffering. The system shall buffer data locally during any loss of connectivity and shall reconcile automatically upon restoration, such that no production event is lost. Any gap in transmission exceeding five minutes shall be logged and reported to the Board.

4.7 Response time. In terms of rule 150ZQZF, the Authorized Vendor shall respond to any fault, malfunction, tamper alert or outage within one hour of its occurrence or of notification by the Central Control Unit, whichever is earlier, and shall restore full functionality as mentioned in the bidding document.

4.8 Upgrades and maintenance. In terms of rule 150ZQZA, the Authorized Vendor shall be responsible for all upgrades of the associated software, all bug fixes, and immediate response and repair of technical problems on working days and holidays alike, at no additional cost to the Board.

4.9 Technical and training support. In terms of rule 150ZQZC, the Authorized Vendor shall upgrade the installed IT structure, software and communication equipment as per technological requirements, and shall provide comprehensive technical and operational training to officers and officials of Inland Revenue, supported by documentation and technical manuals. The Board shall conduct appraisal reviews of the functioning and efficacy of the equipment.

4.10 Fees. In terms of rule 150ZQZD, the Authorized Vendor may charge the manufacturer a fee for the purchase, installation, operation and maintenance of the production monitoring equipment. No fee or charge whatsoever shall be recovered from the Board or from any field formation. The fee shall not exceed the maximum determined by the Approval Committee and notified by public notice, and shall not be revised during the duration of this authorization save in accordance with rule 150ZQZD.

4.11 Data ownership and confidentiality. All data generated, captured, transmitted, processed or stored under this authorization is the exclusive property of the Federal Board of Revenue. The Authorized Vendor shall hold such data in strict confidence, shall not use it for any purpose other than performance of this authorization, shall not disclose it to any person including the registered person save as expressly permitted in writing by the Board, and shall not transfer or store it outside Pakistan without the prior written approval of the Board. This obligation survives the expiry, revocation or surrender of this authorization.

4.12 Exit and data handover. Upon expiry, revocation, cancellation or surrender of this authorization, the Authorized Vendor shall deliver to the Board a complete export of all data in an open, documented and non-proprietary format, together with all documentation, encryption keys, credentials and configuration necessary for continuity of monitoring, and shall thereafter certify the destruction of all copies in its possession. The bank guarantee shall not be released until such delivery and certification are accepted by the Board.

4.13 System integrity. The Authorized Vendor shall not, directly or indirectly, alter, suppress, delete, delay or manipulate any production count, event record, alert or audit log, nor provide to any person any

means of doing so. Any capability permitting such alteration shall be disclosed to the Board forthwith. Contravention of this condition shall constitute a ground for immediate revocation and for encashment of the bank guarantee, without prejudice to proceedings under the Sales Tax Act, 1990 and any other law.

4.14 Audit log. The Authorized Vendor shall maintain an append-only, tamper-evident log of every configuration change, calibration, maintenance intervention, access event and alert, attributable to an identified individual, retained for the duration of the authorization and for a period of not less than three years thereafter, and available to the Board on demand.

4.15 Conflict of interest. The Authorized Vendor declares that it has no equity interest, revenue-sharing arrangement, consultancy engagement or other commercial relationship with any manufacturer subject to monitoring, and shall not enter into any such relationship during the currency of this authorization. Any change in this position shall be disclosed to the Board within seven days. Contravention shall constitute a ground for revocation.

4.16 Assignment and sub-contracting. This authorization is personal to the Authorized Vendor and shall not be assigned, transferred, sub-licensed or encumbered. Sub-contracting of any part of the authorized activity requires the prior written approval of the Board, and the Authorized Vendor shall remain fully liable for the acts and omissions of any approved sub-contractor.

4.17 Change in control. Any change in the ownership, control, directorship or registered particulars of the Authorized Vendor shall be intimated to the Board within fourteen days, and the Board may on that account review, vary or revoke this authorization.

4.18 Continuing eligibility. The Authorized Vendor shall at all times remain compliant with the eligibility conditions of rule 150ZQW, shall remain on the Active Taxpayers List, shall not be blacklisted or debarred by any procuring agency or by the Board, and shall have no finding of fiscal fraud recorded against it. Any change shall be intimated within seven days.

4.19 Audit. The Authorized Vendor shall submit to audit under rule 150ZQZG, and to such technical, security and compliance audit as the Board may direct, and shall afford the Board's officers and authorized auditors full access to the equipment, source configuration, logs and premises.

4.20 Insurance and indemnity. The Authorized Vendor shall maintain adequate insurance in respect of its personnel and equipment, and shall indemnify the Board against all claims, losses and liabilities arising from its acts or omissions, or those of its personnel or sub-contractors.

4.21 Compliance with law. The Authorized Vendor shall comply with all applicable laws, including laser safety and industrial safety requirements, and shall obtain and maintain all requisite certifications at its own cost.

PART V — OBLIGATIONS OF REGISTERED PERSONS

5.1 Every registered person engaged in the manufacturing of Iron & Steel products shall, in terms of rule 150ZQZE, provide access, working space, stable electrical supply and the IT infrastructure including internet connectivity as specified by the Board, wherever needed, and shall facilitate the installation, commissioning and maintenance of the production monitoring equipment.

5.2 In terms of rule 150ZQT(2), no registered person shall remove production from its business premises unless it has undergone the process of production monitoring under Chapter XIV-BA.

5.3 No registered person shall obstruct, disconnect, obscure, relocate, disable or tamper with any production monitoring equipment, nor interrupt the power or communication supply to it. Every outage shall be reported to the Board and to the Authorized Vendor forthwith.

5.4 Every registered person shall acquire the production monitoring equipment from an authorized vendor in terms of section 40C(3), and shall pay the fee determined under rule 150ZQZD.

5.5 Contravention shall attract the consequences prescribed under the Sales Tax Act, 1990, including proceedings under section 33, and such other action as is provided in law.

PART VI — SUSPENSION, REVOCATION AND CONSEQUENCES

6.1 The Board may suspend this authorization, after affording the Authorized Vendor an opportunity of being heard, on any of the following grounds: breach of any condition in Part IV; failure to achieve a coverage milestone in Schedule B; persistent failure to meet the response time in paragraph 4.7; lapse or non-renewal of the bank guarantee; loss of continuing eligibility under paragraph 4.18; or any conduct prejudicial to the integrity of the monitoring system.

6.2 The Board may revoke this authorization on any ground in paragraph 6.1 where the breach is material or is not remedied within the period allowed, and shall revoke it forthwith upon a finding of contravention of paragraph 4.13 (system integrity) or paragraph 4.15 (conflict of interest).

6.3 Suspension or revocation shall not affect any accrued obligation of the Authorized Vendor, and in particular the obligations in paragraphs 4.11 and 4.12 shall continue in force.

6.4 Upon revocation the Board may encash the bank guarantee, and may direct the Authorized Vendor to continue operating and maintaining the installed equipment for a transition period not exceeding days to ensure continuity of monitoring, on the terms then subsisting as mentioned in the bidding documents.

6.5 Revocation or suspension under this Part is without prejudice to any action under the Sales Tax Act, 1990, the Public Procurement Rules, 2004, or any other law for the time being in force, including blacklisting or debarment.

6.6 The Board may at any time, in the public interest and after recording reasons, modify, suspend or withdraw this authorization, and no claim to compensation shall lie on that account.

PART VII — GENERAL

7.1 Governing instruments. This Order is subject to the Sales Tax Act, 1990 and Chapter XIV-BA of the Sales Tax Rules, 2006 as amended from time to time. In the event of any inconsistency between this Order and the said Act or Rules, the Act and the Rules shall prevail.

7.2 Schedules. Schedules A, B and C form an integral part of this Order.

7.3 Amendment. This Order may be amended by the Board on the recommendation of the Approval Committee, in writing.

7.4 Notices. Any notice under this Order shall be in writing and shall be served at the address recorded in paragraph 3.1 or at such other address as may be notified.

7.5 Acceptance. The Authorized Vendor shall, within fifteen days of receipt, return a signed copy of this Order in token of unconditional acceptance of all its terms. The authorization shall not take effect until such acceptance and the deposit of the bank guarantee under paragraph 4.1.

7.6 Commencement. This Order shall take effect from the date specified in paragraph 7.5.

7.7 Interpretation. Words and expressions used in this Order but not defined herein shall have the meanings respectively assigned to them in the Sales Tax Act, 1990 and in Chapter XIV-BA of the Sales Tax Rules, 2006. The headings and marginal notes are for convenience only and shall not affect construction. The singular includes the plural, and a reference to any statutory provision includes that provision as amended, re-enacted or replaced from time to time.

7.8 Cumulative remedies. The conditions and consequences stipulated in this Order are in addition to, and not in derogation of, the provisions of the Sales Tax Act, 1990, the Sales Tax Rules, 2006, the Public Procurement Rules, 2004 and any other law for the time being in force, and nothing herein shall be construed as limiting any power otherwise vesting in the Board or in any officer of Inland Revenue.

7.9 No waiver. No forbearance, indulgence or delay on the part of the Board in enforcing any condition of this Order shall operate as a waiver of that condition or of any other condition, nor shall it preclude subsequent enforcement.

7.10 Severability. If any provision of this Order is held to be invalid or unenforceable, the remaining provisions shall continue in full force and effect, and the invalid provision shall be deemed modified to the least extent necessary to render it valid and consistent with the intent of this Order.

7.11 Entire authorization. This Order, together with its Schedules and the documents listed in Schedule C, constitutes the entire authorization granted to the Authorized Vendor in respect of the Iron and Steel sector, and supersedes any prior representation, correspondence or understanding on the subject.

Chief IR (Revenue Operations)
Federal Board of Revenue
For and on behalf of the Approval Committee

Director General (IT & DT)
Federal Board of Revenue
For and on behalf of the Approval Committee

Project Director (Track & Trace)
Federal Board of Revenue
For and on behalf of the Approval Committee

PART VIII — VENDOR ACKNOWLEDGMENT

I/We, the undersigned authorized representative(s) of M/s ISSM Labelling Solutions, hereby acknowledge receipt of this Certificate of Authorization, confirm that we have read and understood all the terms and conditions set forth therein, and unconditionally undertake to comply with all obligations thereunder.

Name: Haider Bin Shafique

Designation: SVP - GovTech

Date: 15/10/26

Signature: _____

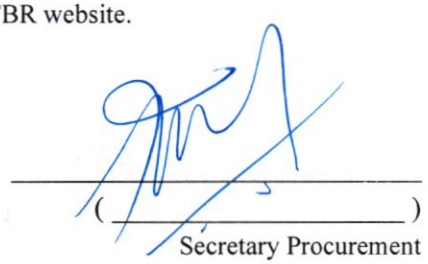
Company Seal: ISSM LABELLING SOLUTIONS (PVT). LTD

C. No. Bid No. 1(6)/IR/TDU/2026
Dated, Islamabad the [15.10.2026]

Copy forwarded for information and necessary action to:—

1. The Secretary, Revenue Division, Islamabad.
2. The Member (Inland Revenue — Policy), Federal Board of Revenue, Islamabad.
3. The Member (Digital Initiatives) / Member (Information Technology), Federal Board of Revenue, Islamabad.
4. The Member (Legal — Inland Revenue), Federal Board of Revenue, Islamabad.
5. All Chief Commissioners Inland Revenue, Large Taxpayers Offices / Medium Taxpayers Office / Corporate Tax Offices / Regional Tax Offices.
6. The Project Director, Central Control Unit, Federal Board of Revenue, Islamabad.
7. The Chief (Technology Deployment Unit), Federal Board of Revenue, Islamabad.

8. The Chairman, Approval Committee constituted under rule 150ZQV of the Sales Tax Rules, 2006.
9. M/s ISSM Labelling Solutions Pvt Ltd, the Authorized Vendor, for compliance and for return of a signed copy in terms of paragraph 7.5.
10. All manufacturers of Iron and Steel registered under the Sales Tax Act, 1990, through the concerned Commissioner Inland Revenue.
11. The Chairman's Secretariat, Federal Board of Revenue, Islamabad.
12. The Web Master, Federal Board of Revenue — for placement on the FBR website.
13. Office copy / Guard file.



(_____)
Secretary Procurement
Federal Board of Revenue, Islamabad

SCHEDULE A

Authorized Production Monitoring Solution

The authorization extends to the following components, which together constitute the approved production monitoring equipment for the Iron and Steel sector. Component specifications are as set out in Section V of the bidding documents, as finalised by the Board.

Component	Function	Requirement
Capture layer	Detection and counting of billets/ingots and final rebars/rods/sheets/Girders/DRI produced by the Iron and Steel sector. The solution shall be four stages covering the complete production process starting from billet/ingot production after melting till final rod production on the cooling bed and weight measurement at the weighbridge of each factory.	Industrial vision IP-based, 1080P PoE cameras, IP65/IP66, rated for continuous operation above 50°C with steam and conductive carbon black present at all four intervention points: a) 1st Intervention Point (Billet/Ingot) b) 2nd Intervention Point (Die Cast Machine for measuring diameter) c) 3rd Intervention Point (Rod etc. count at Colling Bed) d) 4th Intervention Point (Hard or Soft Integration with factory Weighbridge for accurate weight of steel products produced and gate out)
SKU determination	Determination of the stock keeping unit of each steel product produced (in mm)	Each produced SKU whether final steel product including rebars/sheets/girders/pipes/wires or intermediate product like billets/ingots or any steel item which is not final product, but is sold in the market for further processing by the steel industry shall be captured through the identified intervention points
Edge processing	Local inference, buffering and store-and-forward	Industrial PC in IP65/IP66 cabinet with active cooling, industrial UPS and voltage stabiliser, per Section V
Transmission	Real-time transmission to the Central Control Unit	Mutually authenticated, encrypted channel over VPN; data on dashboard within 60 seconds
Monitoring and alerts	Dry-cycle discrimination, unexpected stop detection, tamper and offline alarms	Per rule 150ZQT(1)(d) and Section V
Dashboard and analytics	Production visibility by each SKU and Analytical Framework for cross validation of the captured weight at initial three intervention point with the final weight recorded at the weighbridge	Filterable interface with reconciliation showing two weights: Estimated weight being captured by measuring the size and length of the billets/ingots, and its reconciliation with the weight captured at the weighbridge of the steel manufacturing unit. The analytics shall also reflect the stocks clearly by subtracting the gate-out weight from the produced weight in a day or on monthly and early basis.

SCHEDULE B

Coverage Schedule

Milestone date	Cumulative coverage of production lines	Verification
31st October 2026	20%	Joint certification by the Authorized Vendor and the concerned field formation
30th November 2026	50%	As above
31st December 2026	100%	As above, together with Operational Acceptance at every installation point

Milestone dates shall be reckoned from the date of notification of the Iron and Steel sector as a specified good, or from the date of this Order, whichever is later, and shall be adjusted accordingly by the Board.

SCHEDULE C

Documents Forming Part of the Record

Sr.	Document	Reference / Date
1	Sales Tax General Order Notifying Iron and Steel as a specified good	No. _____ Dated _____
2	Bidding Documents, Bid No. 1(6)/IR/TDU/2026	17th January 2026
3	Proof of Concept Report — Karachi Steel, Islamabad	16th August 2026
4	Technical evaluation report	22nd Sep, 2026
5	Financial evaluation report	5th Oct, 2026
6	Final Authorization of Vendor	15th Oct, 2026

GOVERNMENT OF PAKISTAN
REVENUE DIVISION
FEDERAL BOARD OF REVENUE

ORDER OF AUTHORIZATION OF VENDOR

FOR ELECTRONIC MONITORING OF PRODUCTION IN IRON AND STEEL SECTOR

Issued under section 40C of the Sales Tax Act, 1990 read with Chapter XIV-BA of the Sales Tax Rules, 2006

Order No.	Bid No. 1(6)/IR/TDU/2026
Dated	15.10.2026
Authorized Vendor	M/s Obsidian, M/s Betacodes Pak Pvt Ltd (JV Partner), NTN:E260355-3 and STRN: 3277876352511
Sector / Specified Goods	Iron & Steel (all categories) including Steel Bars/Rebars/Rods, Billets, Ingots, Wires, Sheets, Pipes, Girders, T-Rods and DRI (Direct Reduced Iron) products or any related item within Iron & Steel manufacturing process
Procurement reference	Bid No. 1(6)/IR/TDU/2026
Duration	Three (03) years from the date of this Order, unless earlier suspended or revoked

PART I — PREAMBLE AND STATUTORY BASIS

1.1 WHEREAS section 40C(1) of the Sales Tax Act, 1990 empowers the Federal Board of Revenue, subject to such conditions, restrictions and procedures as it may deem fit to impose or specify, to specify by notification in the official Gazette any registered person or class of registered persons or any good or class of goods in respect of which monitoring or tracking of production, sales, clearances, stocks or any other related activity may be implemented through electronic or other means as may be prescribed;

1.2 AND WHEREAS section 40C(2) provides that from such date as may be prescribed by the Board, no taxable goods shall be removed or sold by the manufacturer or any other person otherwise than in accordance with the monitoring mechanism prescribed by the Board, and section 40C(3) provides that the prescribed tax stamps, banderols, stickers, labels, barcodes and production monitoring equipment shall be acquired by the registered person from a licensee appointed by the Board;

1.3 AND WHEREAS Chapter XIV-BA of the Sales Tax Rules, 2006, titled "Electronic Monitoring of Production of Specified Goods", inserted by S.R.O. 889(I)/2020 dated 21 September 2020 and substantially amended by S.R.O. 364(I)/2025 dated 14 March 2025, prescribes the framework for the approval and authorization of vendors of production monitoring equipment, and in particular rules 150ZQU, 150ZQV, 150ZQW, 150ZQX, 150ZQY and 150ZQZ thereof;

1.4 AND WHEREAS rule 150ZQT(1) requires that production of specified goods manufactured in Pakistan shall be monitored through video surveillance, video analytics solution and digital eye by installation of production monitoring equipment at production lines, as approved by the Board, for real-time capture of the production process, real-time collection of data showing production through object detection and object counting, transmission of data to the Central Control Unit at the Board on a real-time basis together with storage and archiving, detection of unexpected stops, quantitative analysis of production, and data analytics for required legal actions;

1.5 AND WHEREAS rule 150ZQT(2) provides that no person engaged in manufacturing of specified goods shall remove the production from its business premises unless it has undergone the process of production monitoring under the said rules;

1.6 AND WHEREAS the Iron and Steel sector has been notified as a specified good for the purposes of Chapter XIV-BA vide S.R.O. 880(I)/2026 dated 20th May, 2026, issued in exercise of the powers

conferred under section 40C(2) of the Sales Tax Act, 1990 read with rules 150ZQR and 150ZQT of the Sales Tax Rules, 2006;

1.7 AND WHEREAS the Board initiated a national competitive bidding process under the Public Procurement Rules, 2004 read with the E-Pak Procurement Regulations, 2023, vide Bid No. 1(6)/IR/TDU/2026, inviting bids for the authorization of vendors for the supply, installation and maintenance of a production monitoring system in the Iron and Steel sector, adopting the Two-Stage Two-Envelope Bidding Procedure;

1.8 AND WHEREAS the said process, the technical evaluation, the Proof of Concept, and the recommendation of the Approval Committee constituted under rule 150ZQS(b) read with rule 150ZQV, have been completed in the manner recorded in Part II of this Order;

1.9 NOW, THEREFORE, in exercise of the powers conferred by section 40C of the Sales Tax Act, 1990 read with rules 150ZQU, 150ZQX and 150ZQZ of the Sales Tax Rules, 2006, the Federal Board of Revenue is pleased to make this Order.

PART II — RECORD OF PROCEEDINGS

2.1 Procurement. Bids were invited vide Bid No. 1(6)/IR/TDU/2026 published on e-PADS and on the PPRA and FBR websites, with a bid closing date of 17th February 2026. A pre-bid meeting was held on 22nd January 2026. The procurement was structured under the Two-Stage Two-Envelope Bidding Procedure, Stage 1 being for technical evaluation, Proof of Concept and solution finalisation, and Stage 2 for final technical competition and selection.

2.2 Response. In response to the advertised bid, a total of four bids were received including M/s Green Earth Solution, M/s Dewise Tech, M/s Obsidian and M/s ISSM Labelling Solution. The bids were opened on 17th Feb, 2026 and the Technical Bid Evaluation Report was published on 22.05.2026.

2.3 Technical evaluation. The technical proposal was evaluated against the Technical Evaluation Criteria at Section V of the bidding documents. The bidder obtained 70 marks out of 100, against the prescribed minimum threshold of 70%.

2.4 Proof of Concept. A Proof of Concept was conducted on 16th May 2026 at the facility of Pak Iron and Steel Casting, I-9, Islamabad Industrial Area, Islamabad, against the criteria notified in the bidding documents. The result recorded by the POC Evaluation Team is as follows:

Sr.	Criterion	Total Marks	Marks Obtained	Result
1	Counting Accuracy	15	15	Accuracy within the 95%–98.9% band; meets the minimum requirement of 95% stipulated in the Invitation to Bid, below the preferable 99%
2	Weighing Accuracy	15	15	Full marks — 24 hours continuous operation without failure
3	Environmental Endurance (Heat & Dust)	10	10	Full marks – no hardware failure was reported or observed
4	Object Differentiation (Scrap vs. Product)	10	10	Full marks — data on dashboard within 60 seconds
5	Real-Time Data Latency	10	10	Full marks — instant tamper and offline alerts generated
6	Tamper & Failure Response	10	5	Partial marks- alerts remaining
	TOTAL	**70**	**65**	**80% — exceeds the prescribed qualifying threshold**

2.5 Determination on the Proof of Concept. The aggregate score of 65 out of 70, being 92%, exceeds the minimum threshold of 70% prescribed in Section V of the bidding documents. Counting accuracy fell within the 95%–98.9% band and therefore satisfies the minimum accuracy of 95% stipulated in the Invitation to Bid, while remaining below the preferable accuracy of 99%. No criterion was scored at the disqualifying level. The POC Evaluation Team accordingly assessed the demonstrated solution as fit for purpose and recommended that the Committee may consider proceeding to authorization.

2.6 Approval Committee. The Approval Committee, constituted under rule 150ZQS(b) read with rule 150ZQV of the Sales Tax Rules, 2006, considered the technical evaluation, the Proof of Concept Report and the documents furnished under rule 150ZQW, and in its meeting held on 15.10.2026 resolved to grant authorization to the applicant, subject to the conditions set out in Part IV of this Order.

PART III — GRANT OF AUTHORIZATION

3.1 In exercise of the powers conferred by section 40C of the Sales Tax Act, 1990 read with rules 150ZQU, 150ZQX and 150ZQZ of the Sales Tax Rules, 2006 and S.R.O. 880(I)/2026 dated 20th May, 2026, **M/s Obsidian** NTN:E260355-3 , STRN: 3277876352511 (M/s Betacodes Pvt Ltd, JV Partner) , having its registered office at H. No. 13, St. 155, G-13/4, Islamabad (hereinafter "the Authorized Vendor"), is hereby **authorized** as an authorized vendor within the meaning of rule 150ZQS(a) for the supply, installation, integration, operation and maintenance of production monitoring equipment at the production lines of manufacturers of Iron & Steel Sector in Pakistan.

3.2 Scope. The authorization extends to the production monitoring equipment, solution architecture and services described in Schedule A to this Order, deployed at the production lines of every manufacturer of Iron & Steel notified as a specified good, for the purposes set out in rule 150ZQT(1)(a) to (f).

3.3 Duration. This authorization shall remain valid for a period of three (03) years from the date of this Order, and may be renewed by the Board on the basis of compliance and performance evaluation, unless earlier suspended, revoked or cancelled under Part VI.

3.4 Non-exclusivity. This authorization is not exclusive. The Board reserves the right to authorize such other vendors for the Iron and Steel sector as it may consider appropriate, and no claim of exclusivity, guaranteed volume, guaranteed number of installations or guaranteed revenue shall lie against the Board by reason of this Order.

3.5 No agency. The Authorized Vendor is not an agent of the Board, holds no delegated statutory power, and shall not represent otherwise. Nothing in this Order confers any power of assessment, adjudication, inspection or enforcement, all of which vest exclusively in the officers of Inland Revenue.

3.6 Manufacturer's obligation to acquire. In terms of section 40C(3), a registered person engaged in the manufacture of Iron & Steel shall acquire the production monitoring equipment from an authorized vendor. The selection of an authorized vendor from among those authorized by the Board rests with the registered person.

PART IV — CONDITIONS OF AUTHORIZATION

The authorization granted under Part III is subject to the following conditions, each of which is a condition precedent to its continued validity.

4.1 Bank guarantee. Prior to commencement of operations the Authorized Vendor shall deposit with the Board an unconditional bank guarantee equivalent to five per cent of the project cost or rupees five million, whichever is lower, in terms of rule 150ZQZ. The guarantee shall remain valid for the entire duration of the authorization and shall be en-cashable in the event of violation of the said rules or of any condition of this Order. The guarantee shall be renewed not less than thirty days before its expiry, and failure to do so shall of itself operate as a ground for suspension.

4.2 Equipment specification. The production monitoring equipment shall conform in all respects to the specifications approved by the Board and set out in Schedule A. No substitution, downgrade or material alteration of any component shall be made without prior written approval of the Board.

4.3 Installation timeline. In terms of rule 150ZQZA, the Authorized Vendor shall specify the expected delivery and installation date in respect of each installation point, which shall not exceed ninety days from the date of the purchase order issued by the registered person.

4.4 Coverage schedule. The Authorized Vendor shall achieve the cumulative coverage set out in Schedule B. Failure to achieve any milestone shall attract the consequences in Part VI, and shall be reported by the Vendor to the Board within seven days of the milestone date together with the reasons.

4.5 Real-time transmission to CCU. The Authorized Vendor shall ensure uninterrupted transmission of production data to the Central Control Unit of the Board on a real-time basis, together with storage and archiving, in the format, protocol and periodicity specified by the Board. Data shall appear on the Board's dashboard within sixty seconds of the production event.

4.6 Local buffering. The system shall buffer data locally during any loss of connectivity and shall reconcile automatically upon restoration, such that no production event is lost. Any gap in transmission exceeding five minutes shall be logged and reported to the Board.

4.7 Response time. In terms of rule 150ZQZF, the Authorized Vendor shall respond to any fault, malfunction, tamper alert or outage within one hour of its occurrence or of notification by the Central Control Unit, whichever is earlier, and shall restore full functionality as mentioned in the bidding document .

4.8 Upgrades and maintenance. In terms of rule 150ZQZA, the Authorized Vendor shall be responsible for all upgrades of the associated software, all bug fixes, and immediate response and repair of technical problems on working days and holidays alike, at no additional cost to the Board.

4.9 Technical and training support. In terms of rule 150ZQZC, the Authorized Vendor shall upgrade the installed IT structure, software and communication equipment as per technological requirements, and shall provide comprehensive technical and operational training to officers and officials of Inland Revenue, supported by documentation and technical manuals. The Board shall conduct appraisal reviews of the functioning and efficacy of the equipment.

4.10 Fees. In terms of rule 150ZQZD, the Authorized Vendor may charge the manufacturer a fee for the purchase, installation, operation and maintenance of the production monitoring equipment. No fee or charge whatsoever shall be recovered from the Board or from any field formation. The fee shall not exceed the maximum determined by the Approval Committee and notified by public notice, and shall not be revised during the duration of this authorization save in accordance with rule 150ZQZD.

4.11 Data ownership and confidentiality. All data generated, captured, transmitted, processed or stored under this authorization is the exclusive property of the Federal Board of Revenue. The Authorized Vendor shall hold such data in strict confidence, shall not use it for any purpose other than performance of this authorization, shall not disclose it to any person including the registered person save as expressly permitted in writing by the Board, and shall not transfer or store it outside Pakistan without the prior written approval of the Board. This obligation survives the expiry, revocation or surrender of this authorization.

4.12 Exit and data handover. Upon expiry, revocation, cancellation or surrender of this authorization, the Authorized Vendor shall deliver to the Board a complete export of all data in an open, documented and non-proprietary format, together with all documentation, encryption keys, credentials and configuration necessary for continuity of monitoring, and shall thereafter certify the destruction of all copies in its possession. The bank guarantee shall not be released until such delivery and certification are accepted by the Board.

4.13 System integrity. The Authorized Vendor shall not, directly or indirectly, alter, suppress, delete, delay or manipulate any production count, event record, alert or audit log, nor provide to any person any

means of doing so. Any capability permitting such alteration shall be disclosed to the Board forthwith. Contravention of this condition shall constitute a ground for immediate revocation and for encashment of the bank guarantee, without prejudice to proceedings under the Sales Tax Act, 1990 and any other law.

4.14 Audit log. The Authorized Vendor shall maintain an append-only, tamper-evident log of every configuration change, calibration, maintenance intervention, access event and alert, attributable to an identified individual, retained for the duration of the authorization and for a period of not less than three years thereafter, and available to the Board on demand.

4.15 Conflict of interest. The Authorized Vendor declares that it has no equity interest, revenue-sharing arrangement, consultancy engagement or other commercial relationship with any manufacturer subject to monitoring, and shall not enter into any such relationship during the currency of this authorization. Any change in this position shall be disclosed to the Board within seven days. Contravention shall constitute a ground for revocation.

4.16 Assignment and sub-contracting. This authorization is personal to the Authorized Vendor and shall not be assigned, transferred, sub-licensed or encumbered. Sub-contracting of any part of the authorized activity requires the prior written approval of the Board, and the Authorized Vendor shall remain fully liable for the acts and omissions of any approved sub-contractor.

4.17 Change in control. Any change in the ownership, control, directorship or registered particulars of the Authorized Vendor shall be intimated to the Board within fourteen days, and the Board may on that account review, vary or revoke this authorization.

4.18 Continuing eligibility. The Authorized Vendor shall at all times remain compliant with the eligibility conditions of rule 150ZQW, shall remain on the Active Taxpayers List, shall not be blacklisted or debarred by any procuring agency or by the Board, and shall have no finding of fiscal fraud recorded against it. Any change shall be intimated within seven days.

4.19 Audit. The Authorized Vendor shall submit to audit under rule 150ZQZG, and to such technical, security and compliance audit as the Board may direct, and shall afford the Board's officers and authorized auditors full access to the equipment, source configuration, logs and premises.

4.20 Insurance and indemnity. The Authorized Vendor shall maintain adequate insurance in respect of its personnel and equipment, and shall indemnify the Board against all claims, losses and liabilities arising from its acts or omissions, or those of its personnel or sub-contractors.

4.21 Compliance with law. The Authorized Vendor shall comply with all applicable laws, including laser safety and industrial safety requirements, and shall obtain and maintain all requisite certifications at its own cost.

PART V — OBLIGATIONS OF REGISTERED PERSONS

5.1 Every registered person engaged in the manufacturing of Iron & Steel products shall, in terms of rule 150ZQZE, provide access, working space, stable electrical supply and the IT infrastructure including internet connectivity as specified by the Board, wherever needed, and shall facilitate the installation, commissioning and maintenance of the production monitoring equipment.

5.2 In terms of rule 150ZQT(2), no registered person shall remove production from its business premises unless it has undergone the process of production monitoring under Chapter XIV-BA.

5.3 No registered person shall obstruct, disconnect, obscure, relocate, disable or tamper with any production monitoring equipment, nor interrupt the power or communication supply to it. Every outage shall be reported to the Board and to the Authorized Vendor forthwith.

5.4 Every registered person shall acquire the production monitoring equipment from an authorized vendor in terms of section 40C(3), and shall pay the fee determined under rule 150ZQZD.

5.5 Contravention shall attract the consequences prescribed under the Sales Tax Act, 1990, including proceedings under section 33, and such other action as is provided in law.

PART VI — SUSPENSION, REVOCATION AND CONSEQUENCES

6.1 The Board may suspend this authorization, after affording the Authorized Vendor an opportunity of being heard, on any of the following grounds: breach of any condition in Part IV; failure to achieve a coverage milestone in Schedule B; persistent failure to meet the response time in paragraph 4.7; lapse or non-renewal of the bank guarantee; loss of continuing eligibility under paragraph 4.18; or any conduct prejudicial to the integrity of the monitoring system.

6.2 The Board may revoke this authorization on any ground in paragraph 6.1 where the breach is material or is not remedied within the period allowed, and shall revoke it forthwith upon a finding of contravention of paragraph 4.13 (system integrity) or paragraph 4.15 (conflict of interest).

6.3 Suspension or revocation shall not affect any accrued obligation of the Authorized Vendor, and in particular the obligations in paragraphs 4.11 and 4.12 shall continue in force.

6.4 Upon revocation the Board may encash the bank guarantee, and may direct the Authorized Vendor to continue operating and maintaining the installed equipment for a transition period not exceeding days to ensure continuity of monitoring, on the terms then subsisting as mentioned in the bidding documents.

6.5 Revocation or suspension under this Part is without prejudice to any action under the Sales Tax Act, 1990, the Public Procurement Rules, 2004, or any other law for the time being in force, including blacklisting or debarment.

6.6 The Board may at any time, in the public interest and after recording reasons, modify, suspend or withdraw this authorization, and no claim to compensation shall lie on that account.

PART VII — GENERAL

7.1 Governing instruments. This Order is subject to the Sales Tax Act, 1990 and Chapter XIV-BA of the Sales Tax Rules, 2006 as amended from time to time. In the event of any inconsistency between this Order and the said Act or Rules, the Act and the Rules shall prevail.

7.2 Schedules. Schedules A, B and C form an integral part of this Order.

7.3 Amendment. This Order may be amended by the Board on the recommendation of the Approval Committee, in writing.

7.4 Notices. Any notice under this Order shall be in writing and shall be served at the address recorded in paragraph 3.1 or at such other address as may be notified.

7.5 Acceptance. The Authorized Vendor shall, within fifteen days of receipt, return a signed copy of this Order in token of unconditional acceptance of all its terms. The authorization shall not take effect until such acceptance and the deposit of the bank guarantee under paragraph 4.1.

7.6 Commencement. This Order shall take effect from the date specified in paragraph 7.5.

7.7 Interpretation. Words and expressions used in this Order but not defined herein shall have the meanings respectively assigned to them in the Sales Tax Act, 1990 and in Chapter XIV-BA of the Sales Tax Rules, 2006. The headings and marginal notes are for convenience only and shall not affect construction. The singular includes the plural, and a reference to any statutory provision includes that provision as amended, re-enacted or replaced from time to time.

7.8 Cumulative remedies. The conditions and consequences stipulated in this Order are in addition to, and not in derogation of, the provisions of the Sales Tax Act, 1990, the Sales Tax Rules, 2006, the Public Procurement Rules, 2004 and any other law for the time being in force, and nothing herein shall be construed as limiting any power otherwise vesting in the Board or in any officer of Inland Revenue.

7.9 No waiver. No forbearance, indulgence or delay on the part of the Board in enforcing any condition of this Order shall operate as a waiver of that condition or of any other condition, nor shall it preclude subsequent enforcement.

7.10 Severability. If any provision of this Order is held to be invalid or unenforceable, the remaining provisions shall continue in full force and effect, and the invalid provision shall be deemed modified to the least extent necessary to render it valid and consistent with the intent of this Order.

7.11 Entire authorization. This Order, together with its Schedules and the documents listed in Schedule C, constitutes the entire authorization granted to the Authorized Vendor in respect of the Iron and Steel sector, and supersedes any prior representation, correspondence or understanding on the subject.

Chief IR (Revenue Operations)
Federal Board of Revenue
For and on behalf of the Approval Committee

Director General (IT & DT)
Federal Board of Revenue
For and on behalf of the Approval Committee

Project Director (Track & Trace)
Federal Board of Revenue
For and on behalf of the Approval Committee

PART VIII — VENDOR ACKNOWLEDGMENT

I/We, the undersigned authorized representative(s) of M/s Obsidian, hereby acknowledge receipt of this Certificate of Authorization, confirm that we have read and understood all the terms and conditions set forth therein, and unconditionally undertake to comply with all obligations thereunder.

Name: Usama Zahid

Designation: Accounts Analyst

Date: 15th Oct, 2026

Signature: _____

Company Seal: OBSIDIAN ISLAMABAD Tech Transcending Horizons

C. No. Bid No. 1(6)/IR/TDU/2026
Dated, Islamabad the 15.10.2026

Copy forwarded for information and necessary action to:—

1. The Secretary, Revenue Division, Islamabad.
2. The Member (Inland Revenue — Policy), Federal Board of Revenue, Islamabad.
3. The Member (Digital Initiatives) / Member (Information Technology), Federal Board of Revenue, Islamabad.
4. The Member (Legal — Inland Revenue), Federal Board of Revenue, Islamabad.
5. All Chief Commissioners Inland Revenue, Large Taxpayers Offices / Medium Taxpayers Office / Corporate Tax Offices / Regional Tax Offices.
6. The Project Director, Central Control Unit, Federal Board of Revenue, Islamabad.
7. The Chief (Technology Deployment Unit), Federal Board of Revenue, Islamabad.
8. The Chairman, Approval Committee constituted under rule 150ZQV of the Sales Tax Rules, 2006.
9. M/s Obsidian, M/s Betacodes (JV Partner), the Authorized Vendor, for compliance and for return of a signed copy in terms of paragraph 7.5.
10. All manufacturers of Iron and Steel registered under the Sales Tax Act, 1990, through the concerned Commissioner Inland Revenue.

11. The Chairman's Secretariat, Federal Board of Revenue, Islamabad.
12. The Web Master, Federal Board of Revenue — for placement on the FBR website.
13. Office copy / Guard file.

(_____)
Secretary Procurement
Federal Board of Revenue, Islamabad

SCHEDULE A

Authorized Production Monitoring Solution

The authorization extends to the following components, which together constitute the approved production monitoring equipment for the Iron and Steel sector. Component specifications are as set out in Section V of the bidding documents, as finalised by the Board.

Component	Function	Requirement
Capture layer	Detection and counting of billets/ingots and final rebars/rods/sheets/Girders/DRI produced by the Iron and Steel sector. The solution shall be four stages covering the complete production process starting from billet/ingot production after melting till final rod production on the cooling bed and weight measurement at the weighbridge of each factory.	Industrial vision IP-based, 1080P PoE cameras, IP65/IP66, rated for continuous operation above 50°C with steam and conductive carbon black present at all four intervention points: a) 1st Intervention Point (Billet/Ingot) b) 2nd Intervention Point (Die Cast Machine for measuring diameter) c) 3rd Intervention Point (Rod etc. count at Colling Bed) d) 4th Intervention Point (Hard or Soft Integration with factory Weighbridge for accurate weight of steel products produced and gate out)
SKU determination	Determination of the stock keeping unit of each steel product produced (in mm)	Each produced SKU whether final steel product including rebars/sheets/girders/pipes/wires or intermediate product like billets/ingots or any steel item which is not final product, but is sold in the market for further processing by the steel industry shall be captured through the identified intervention points
Edge processing	Local inference, buffering and store-and-forward	Industrial PC in IP65/IP66 cabinet with active cooling, industrial UPS and voltage stabiliser, per Section V
Transmission	Real-time transmission to the Central Control Unit	Mutually authenticated, encrypted channel over VPN; data on dashboard within 60 seconds
Monitoring and alerts	Dry-cycle discrimination, unexpected stop detection, tamper and offline alarms	Per rule 150ZQT(1)(d) and Section V
Dashboard and analytics	Production visibility by each SKU and Analytical Framework for cross validation of the captured weight at initial three intervention point with the final weight recorded at the weighbridge	Filterable interface with reconciliation showing two weights: Estimated weight being captured by measuring the size and length of the billets/ingots, and its reconciliation with the weight captured at the weighbridge of the steel manufacturing unit. The analytics shall also reflect the stocks clearly by subtracting the gate-out weight from the produced weight in a day or on monthly and early basis.

SCHEDULE B

Coverage Schedule

Milestone date	Cumulative coverage of production lines	Verification
31st October 2026	20%	Joint certification by the Authorized Vendor and the concerned field formation
30th November 2026	50%	As above
31st December 2026	100%	As above, together with Operational Acceptance at every installation point

Milestone dates shall be reckoned from the date of notification of the Iron and Steel sector as a specified good, or from the date of this Order, whichever is later, and shall be adjusted accordingly by the Board.

SCHEDULE C

Documents Forming Part of the Record

Sr.	Document	Reference / Date
1	Sales Tax General Order Notifying Iron and Steel as a specified good	No. _____ Dated _____
2	Bidding Documents, Bid No. 1(6)/IR/TDU/2026	17th January 2026
3	Proof of Concept Report — Pak Iron and Steel, Islamabad	15th August 2026
4	Technical evaluation report	22nd Sep, 2026
5	Financial evaluation report	5th Oct, 2026
6	Final Authorization of Vendor	15th Oct, 2026