

MINISTRY OF DEFENCE
(Defence Division)
Notification

Rawalpindi, the May, 2026.

SRO.- (I)/2026.- In exercise of the powers conferred by section 23 of the Surveying and Mapping Act, 2014 (I of 2014), the Federal Government is pleased to make the following further amendments in the Surveying and Mapping Rules, 2015, namely:-

In the aforesaid rules, for Annex-I, the following shall be substituted, namely:-

“Annex-I
[See Rule 7(4)]

1. Any firm, organization or group interested in registration with SoP shall apply for registration on prescribed form (Appendix I to Annex A).
2. The request for registration/renewal/ up-gradation shall enclose bank draft/pay order in favour of Deputy Registrar, SoP Registration Cell, against fee required for registration and processing as per schedule (Appendix I to Annex A) and as amended by SoP from time to time.
3. Registration Cell may obtain clearance of such firms and organizations from concerned agencies as it may deem appropriate.
4. Registration Cell shall scrutinize, evaluate and recommend for registration or otherwise. Upon recommendation, Surveyor General of Pakistan shall accord approval for registration or otherwise.
5. A public or private organization/ firm (national or international) shall be registered with SoP in one of the following categories for which its proficiency shall be established through the Registration Cell for each category to be evaluated on the basis of aggregated scores of human resource, technical resources, experience and logistic facilities and the organization/ firm shall be allowed to take up projects within the financial limit defined for each category:

Sr. No.	Category	Aggregated Score	Project Cost (relating to Surveying and Mapping)
1	1	2	3
2	S1	>80	No limit
3	S2	71-80	Up to Rs 100 million
4	S3	61-70	Up to Rs 50 million
5	S4	51-60	Up to Rs 10 million

6. The disciplines, categories and scores for evaluation shall be as under:

a. Disciplines:

Geodetic Survey	Photogrammetry & Remote Sensing
<ol style="list-style-type: none">i. Gravimetric Surveyii. Magnetic Survey	Sources: Aerial cameras, satellite imagery (mono or stereo), terrestrial

iii. Traverse iv. Triangulation v. High Precise Levelling vi. Levelling vii. GPS Survey	cameras, video-grammetry, UAVs, LIDAR, SAR etc Techniques: Analytical or digital Products: Maps (topographic or thematic); digital products (DEM, DOM, DSM, DTM, DBM, DLG) etc
Topographic Survey i. Total Station Survey ii. GPS Survey	Cartography Manual or Digital
Geographic Information System(GIS) and Application Development	Any other survey like bathymetric/hydrographic survey, cadastral survey, construction survey, route survey etc

- b. **Categorization of Organizations/ Firms:** Organizations/ firms shall be categorized on following basis and/or as amended by SoP from time to time:
- i. Capability and experience of professionals/ staff of firms.
 - ii. Surveying and mapping equipment, hardware, software possessed by firms.
 - iii. Work experience of firms.
 - iv. Logistic facilities of firms.

Criteria for Professionals (Maximum Score 30)

Code	Type of Professional	Methodology for Evaluation of Scores			
		(30)	(25)	(20)	(15)
SS	<u>Senior Surveyor</u> Masters in any discipline of surveying & mapping with 5 years working experience or Bachelors in any discipline of surveying & mapping with 10 years working experience or Ex- technical employee of SoP with graduation & 20 years working experience	4	3	2	1

S	<p><u>Surveyor</u></p> <p>Bachelors in any discipline of surveying & mapping with 5 years working experience</p> <p style="text-align: center;">or</p> <p>Diploma from Survey Training Institute (SoP) with 5 years working experience</p> <p style="text-align: center;">or</p> <p>Ex- technical employee of SoP with 10 years working experience</p>	5	4	3	2
AS1	<p><u>Associate Surveyor</u></p> <p>Diploma from Survey Training Institute (SoP)</p> <p style="text-align: center;">or</p> <p>DAE (Civil)/ Diploma in any discipline of surveying & mapping from any recognized institute with 5 years working experience in relevant field</p>	10	7	5	4
AS2	<p><u>Assistant Surveyor</u></p> <p>Certificate from Survey Training Institute (SoP)</p> <p style="text-align: center;">or</p> <p>1 year certificate in civil engineering/ surveying and mapping from any recognized institute with 3 years working experience in relevant field</p>	15	12	10	8
TS	<p><u>Trainee Surveyor</u></p> <p>Individual holding fresh certificate in DAE(Civil) / surveying and mapping discipline from any recognized institute without experience in relevant field. <i>Registration as Trainee Surveyor will be valid for a</i></p>	<p>Mandatory for firms mentioned as per para 15</p>			

	<i>period of one year only with no renewal</i>	
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Criteria for Technical Resources (Maximum Score 30)

Ser	Discipline	Equipment	Methodology for Evaluation of Scores			
			(30)	(25)	(20)	(15)
1	Geodetic Survey	i. Dual Frequency GPS	6	5	4	3
		ii. Single Frequency GPS	10	8	6	4
		iii. Level with Staff	15	10	8	5
		iv. Gravity meter	5	3	2	1
		v. Magnetometer	5	3	2	1
		vi. Theodolite	10	8	5	3
2	Topographic Survey	i. Total Station	15	12	10	7
		ii. Single Frequency GPS	10	8	5	3
		iii. Hand-held GPS	10	8	5	3
		iv. Theodolite	10	8	5	3
3	Cartography	i. Computers with relevant software	25	20	15	10
		ii. Scanners	5	3	2	1
		iii. Plotters	5	3	2	1
4	Geographic Information System (GIS)	i. Computers with relevant software	25	20	15	10
		ii. Scanners	5	3	2	1
		iii. Plotters	5	3	2	1

5	Photogrammetry and Remote Sensing	i. Aircraft	1	-	-	-
		ii. VTOL UAV	2	1	-	-
		iii. Quadcopter	-	6	4	2
		iv. Sensors				
		a. Ortho cameras	2	1	-	-
		b. Oblique cameras	2	1	-	-
		c. Multispectral cameras	2	1	-	-
		d. LIDAR	1	-	-	-
		e. SAR	1	-	-	-
		f. Terrestrial scanners				
		Man-packed	3	2	1	-
		Vehicle-borne	1	-	-	-
		v. Photogrammetric Workstations with relevant Software	20	15	10	5
vi. Image pre-processing software/ LIDAR processing software	5	4	3	2		

Criteria for Work Experience (Maximum Score 30)

Sr. No.	Work Experience in Years	Methodology for Evaluation of Scores
1	2	3
2	>15	(30)
3	10-15	(25)
4	5-10	(20)
5	Up to 5	(15)

Criteria for Logistic Facilities (Maximum Score 10)

- a. Must have permanent office (in owned or hired accommodation) with staff up to the satisfaction of SoP Registration Cell.
 - b. Fleet of vehicles for transportation of equipment and technical staff up to the satisfaction of SoP Registration Cell.
7. **Registration Number:** After completing the specified codal formalities, the desirous organization/ firm shall be allotted a registration number. This number shall be used in all correspondence with SoP and other indenters.
8. **Registration Period:** Each organization/ firm will be registered initially for a period of 2 years; subsequently to be renewed by the organization/ firm annually.
9. **Renewal/ Upgradation Requirements:** The desirous organization/ firm (national or international) shall apply for renewal at least 3 months before the expiry date of existing registration. However, the organization/ firm can apply for up-gradation at any time. The requests shall be made on the prescribed form with requisite information/ documents as mentioned below or as required by SoP for necessary verification: -
- (a) Application form (duly filled in).
 - (b) Previous Original Registration Certificate (where applicable).
 - (c) Copy of CNIC/passport of Owner(s).
 - (d) Works executed in last three years with certificate of satisfactory completion of works from the Indentor.
 - (e) For up-gradation of an organization/ firm's existing license, the accumulative financial worth of above-mentioned work(s) should be minimum 70% of the firm's existing category financial limit.
 - (f) For up-gradation of an organization/ firm's existing license, the work order(s) once taken into account will not be re-considered for further up-gradation.
 - (g) List of Machinery and Equipment (with their present holding state).
 - (h) List of Professionals and other staff (with their qualifications, experience and license number issued by SoP).
 - (i) Organizational Chart of the organization/ firm.
 - (j) Affidavit of Sole Proprietor/ Partnership Deed/Clause of Association/ Memorandum (as applicable).
 - (k) National Tax Number along with tax statement of last financial year duly authenticated by the tax department.
 - (l) Bank Statement of last financial year.
 - (m) Valid registration certificate issued by Securities and Exchange Commission of Pakistan (SECP).
10. **Change in Registration:** SoP reserves the right for amendment, suspension or cancellation of the registration in case:
- a. The registration was approved on the basis of incorrect or misleading information by the organization/ firm.
 - b. The registrant is no longer eligible for the registration.
 - c. The registrant is convicted of an offence under the Surveying and Mapping Act 2014.
 - d. The registrant fails to pay an amount payable by the registrant to SoP.

- e. The registrant fails to inform SoP (in writing) about any change in address or other particulars provided at the time of registration, within 30 days of such change.
11. **Surprise Visit:** SoP shall reserve the right to conduct surprise visits of organizations/ firms to check/confirm the technical manpower, instrument/ equipment to avert the chances of fraud.
12. **Firm's Scope of Work:** No registered organization/ firm shall engage in surveying and mapping activities exceeding the scope allowed as per its category.
13. **Single Firm Employment Policy**
- A surveyor shall be deemed to be an employee of one firm only and his experience points for the purpose of score calculation in the organization/ firm's categorization shall be attributed exclusively to that organization/ firm.
 - Multiple employment of a surveyor in more than one organization/ firm is prohibited.
 - Any misrepresentation or concealment in respect of surveyor employment shall render the organization/ firm liable to penalties prescribed under the Act and these Rules.
14. **Detachment of Surveyors from a Firm:** A surveyor quitting his job at the existing organization/ firm will affect that organization/ firm's category score as per following scenarios:

Scenarios	Decision
Surveyor/ trainee surveyor quits but it does not affect the minimum requirement of score for that firm's existing category.	The concerned organization/ firm is bound to inform SoP in writing about the date on which such surveyor/ trainee surveyor has ceased to be an employee of that organization/ firm. SoP will not ask the organization/ firm to return original license for removing name of surveyor(s). However, the said surveyor will be removed/ detached from the database and letter will be issued to the organization/ firm regarding change of staff.
Surveyor/ trainee surveyor quits due to which the minimum requirement of score for that organization/ firm's existing category cannot be met.	SoP will ask the organization/ firm to return original license for removing name of surveyors(s) and letter will be issued to the organization/ firm to complete the mandatory professional score requirements.

15. **Employment of Trainee Surveyor(s):** In order to give practical experience of working in a surveying and mapping firm to fresh certified surveyors with no practical experience, it is mandatory for organization/ firm of categories S1, S2 and S3 to employ trainee surveyor(s) as follows: -

Firm Category	Minimum Number of Trainee Surveyor(s)	Remarks
S1	3	Organizations/ firms will be required to employ this number of trainee surveyors at least 8 months in the effective year of its registered period
S2	2	
S3	1	

16. **Penalties:** Following penalties will be imposed as per the nature of misconduct:

Sr. No.	Nature of Misconduct	Penalty to be Imposed
1	2	3
2	In case, an organization/ firm obtained and executed work(s): a. Without having valid SoP license. b. Without having SoP license of appropriate category c. License has expired. d. Not having the required equipment/ surveyors for undertaking works in that category.	Fine equal to three times the registration fee for the category in which the organization/ firm is found working without appropriate license.
3	In case a organization/ firm submits an incorrect/ fake affidavit of surveyors to SoP.	The organization/ firm will be suspended and de-registered from six (6) months to maximum three (3) years, as decided by the Surveyor General.
4	In case a organization/ firm submits fake/ tampered SoP License to a client/ SoP.	-do-
5	In case a organization/ firm submits fake/ forged/ incorrect work order(s) or performance certificate/ report to SoP.	In addition to above, FIR may also be lodged against the owner/ firm.

17. **Late Renewal Fee Surcharge for Firms**

- a. If a firm is unable to get its registration renewed in time, it will be renewed after payment of outstanding fee of entire defaulting period plus surcharge of 5% maximum up to 25% of the annual renewal fee in that category.
- b. A firm's registration is liable to cancellation if it fails to renew its registration for a complete year.

18. **Specialized Survey Categories**

- a. An organization/ firm will be categorized into following specialized survey categories:
 - i. Cartography and GIS
 - ii. Geodesy
 - iii. Field Surveying
 - iv. Remote Sensing

Annex B

PROCEDURE FOR REGISTRATION OF INDIVIDUALS WITH SURVEY OF PAKISTAN (SoP)

1. **Surveyor(s) Categorization**: An individual (national or foreigner) will be registered with SoP in specialized categories as per his/her qualification and experience defined below:

Code	Category
SS	Senior Surveyor
S	Surveyor
AS1	Associate Surveyor
AS2	Assistant Surveyor
TS	Trainee Surveyor

2. **Specialized Fields**

- a. An individual will be categorized into specialized survey fields, as follows:
- i. Cartography and Geographic Information Systems (Carto & GIS)
 - ii. Geodesy (Geo)
 - iii. Field Surveying (FS)
 - iv. Remote Sensing (RS)
- b. An individual may apply for license in more than one field. However, each field shall be evaluated separately and fees shall be charged independently for each license.

Criteria for Professionals (Maximum Score 30)

Code	Type of Professional	Methodology for Evaluation of Scores			
		(30)	(25)	(20)	(15)
SS	<u>Senior Surveyor</u> Masters in any discipline of surveying & mapping with 5 years working experience or Bachelors in any discipline of surveying & mapping with 10 years working experience or	4	3	2	1

	Ex-technical employee of SoP with graduation & 20 years working experience				
S	<p><u>Surveyor</u></p> <p>Bachelors in any discipline of surveying & mapping with 5 years working experience</p> <p>or</p> <p>Diploma from Survey Training Institute (SoP) with 5 years working experience.</p> <p>or</p> <p>Ex-technical employee of SoP with 10 years working experience</p>	5	4	3	2
AS1	<p><u>Associate Surveyor</u></p> <p>Diploma from Survey Training Institute (SoP)</p> <p>or</p> <p>DAE (Civil)/ Diploma in any discipline of surveying & mapping from any recognized institute with 5 years working experience in relevant field</p>	10	7	5	4
AS2	<p><u>Assistant Surveyor</u></p> <p>Certificate from Survey Training Institute (SoP)</p> <p>or</p> <p>1 year certificate in civil engineering/ surveying and mapping from any recognized institute with 3 years working experience in relevant field</p>	15	12	10	8

TS	<u>Trainee Surveyor</u>	
	Individual holding fresh certificate in DAE (Civil) / surveying and mapping discipline from any recognized institute without experience in relevant field. <i>Registration as Trainee Surveyor will be valid for a period of one year only with no renewal</i>	Mandatory for firms mentioned as per para 15 of Annex A

3. **Application Form**: An individual may apply to SoP for registration in one of above categories/ fields on prescribed **Form B** (Appendix I to Annex B) along with fee required for the registration and processing.
4. **Application Fee**: Registration/ renewal/ up-gradation form shall enclose bank draft/pay order in favour of Deputy Registrar SoP Registration Cell, against fee required for the registration and processing as per schedule (Appendix I to Annex B) and as amended by SoP from time to time.
5. **Application Approval**: Registration Cell shall scrutinize, evaluate and recommend for registration or otherwise. Upon its recommendation, Surveyor General of Pakistan shall accord approval for registration or otherwise.
6. **Security Clearance**: Registration Cell may obtain clearance of such individuals/ groups from concerned agencies as it may deem appropriate.
7. **Registration Number**: After completing specified codal formalities, the desirous individual (national or international) shall be allotted a registration number. This number shall be used in all correspondence with Survey of Pakistan and other indenters.
8. **Registration Period**: An individual (national or international) will be registered initially for a period of 2 years and subsequently is to be renewed annually.
9. **Renewal/ Upgradation Requirement**: The desirous individual (national or international) shall apply for renewal at least 3 months before the expiry of existing registration. However, the applicant can apply for up-gradation of his category at any time which will be considered as per procedure. Requests shall be made on the prescribed form with requisite information /documents as mentioned below or as required by SoP for necessary verification:
 - a. Application form (duly filled in).
 - b. Previous Original Registration Certificate (where applicable).
 - c. Copy of CNIC / passport (attested).
 - d. Works executed in last three years with experience certificate from the indenter.
 - e. National Tax Number along with tax statement duly authenticated by the tax department.
 - f. Bank Statement of last financial year.
10. **Change in Registration**: SoP reserves the right for amendment, suspension or cancellation of registration in case of:
 - (a) The registration was approved on the basis of incorrect or misleading information by the registrant;

- (b) The registrant is no longer eligible for the registration.
- (c) The registrant is convicted of an offence under this Act.
- (d) The registrant fails to pay an amount that is payable by the registrant to SoP.
- (e) The registrant fails to inform SoP in writing about any change in address or other particulars provided by him/ her at the time of registration, within 30 days of such change.

11. **Scope of Work:** No registered individual shall engage in surveying and mapping activities by exceeding the scope allowed for his/her category/ field.

12. **Single Firm Employment Policy**

- i. A surveyor shall be deemed to be an employee of one organization/ firm only and his experience points for the purpose of score calculation in that organization/ firm's categorization shall be attributed exclusively to that organization/ firm.
- ii. Multiple employment of a surveyor in more than one organization/ firm is prohibited.
- iii. Any misrepresentation or concealment in respect of surveyor employment shall render the organization/ firm liable to penalties prescribed under the Act and these Rules.

13. **Detachment of Surveyors from an Organization/ firm:** A Surveyor quitting his job at the existing organization/ firm will affect that organization/ firm's category score as per following scenarios:

Scenarios	Decision
1	2
Surveyor/ trainee surveyor quits but it does not affect the minimum requirement of score for that organization/ firm's existing category.	The concerned organization/ firm is bound to inform SoP in writing about the date on which such surveyor/ trainee surveyor has ceased to be an employee of that organization/ firm. SoP will not ask the organization/ firm to return original license for removing name of surveyor(s). However, the said surveyor will be removed/ detached from the database and letter will be issued to the organization/ firm regarding change of staff.
Surveyor/ trainee surveyor quits due to which the minimum requirement of score for that organization/ firm's existing category cannot be met.	SoP will ask the organization/ firm to return original license for removing name of surveyors(s) and letter will be issued to the organization/ firm to complete the mandatory professional score requirements.

14. **Employment of Trainee Surveyor(s):** In order to give practical experience of working in a surveying and mapping organization/ firm to fresh certified surveyors with no practical experience, it is mandatory for organization/ firm of categories S1, S2 and S3 to employ trainee surveyor(s) as follows: -

Firm Category	Minimum Number of Trainee Surveyor(s)	Remarks
S1	3	Organizations/ firms will be required to employ this number of trainee surveyors for at least 8 months in the effective year of its registered period
S2	2	
S3	1	

GENERAL INSTRUCTIONS FOR SURVEYORS FILLING IN THE APPLICATION FORM FOR NEW LICENCE/ RENEWAL/UP-GRADATION

1. A surveyor will be charged late fee @3% per month if he/she applies after 31 March of the year, subject to maximum 20% of the annual fee.
 2. For initial registration, change in category and renewal, the applicant for the surveyor's license shall submit application to Survey of Pakistan on the prescribed form. Application for renewal shall be submitted to Survey of Pakistan by the 5th July of the year based on Surveyor's status as on the 30th June of the same year. The license shall stand expired on 30th June each year.
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